

Ford Motor Company

SITE DECOMMISSIONING REMEDIAL ACTION IMPLEMENTATION REPORT

Twin Cities Assembly Plant
St. Paul, Minnesota

March 2016



SITE DECOMMISSIONING REMEDIAL ACTION IMPLEMENTATION REPORT

**SITE
DECOMMISSIONING
REMEDIAL ACTION
IMPLEMENTATION
REPORT**



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ACRONYMS AND ABBREVIATIONS

AMEC	Amec Foster Wheeler
Arcadis	Arcadis U.S., Inc.
Contingency Plan	Site-Wide Contingency Plan
CSBUD	Case-Specific Beneficial Use Determination
CY	cubic yard
DIG	Devon Industrial Group
DRO	diesel-range organics
ESA	environmental site assessment
Ford	Ford Motor Company
GRO	gasoline-range organics
MAB	Main Assembly Building
MPCA	Minnesota Pollution Control Agency
MPS	MPS Group
PID	photoionization detector
PCB	polychlorinated biphenyl
Phase I ESA	Phase I Environmental Site Assessment
ppm	parts per million
Retention Ponds work plan	Temporary Sediment Retention Ponds work plan
RCRA	Resource Conservation and Recovery Act
SDRAP	Site Decommissioning Response Action Plan
SRV	soil reference value
SVOC	semivolatile organic compound
TCLP	toxicity characteristic leaching procedure
UEC	unexpected environmental condition
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound
WI	Wisconsin

EXECUTIVE SUMMARY

This Site Decommissioning Response Action Implementation Report was developed by Arcadis U.S., Inc. (Arcadis) on behalf of Ford Motor Company for the Twin Cities Assembly Plant (the Site). The objective of this report is to document the environmental oversight work completed by Arcadis during Phase 2 of Site decommissioning activities. Phase 1 consisted of above-ground demolition activities and was completed by others consistent with approved City of St. Paul Department of Safety and Inspection: Demolition Permits (Permit #20-13-167142 and Permit #20-13-167150). All environmental oversight work described in this Site Decommissioning Response Action Implementation Report was completed in accordance with the Site-Wide Contingency Plan (Arcadis 2013), later superseded by the Site Decommissioning Response Action Plan (SDRAP; Arcadis 2015) and/or the Temporary Sediment Retention Ponds work plan (Retention Ponds work plan; Arcadis 2014), which were developed under the guidance of the Minnesota Pollution Control Agency Voluntary Investigation and Cleanup Program and Petroleum Brownfields Program.

Phase 2 of Site decommissioning was completed between August 2014 and September 2015 and consisted of development and implementation of a stormwater pollution prevention plan, construction of two temporary sediment retention ponds, and removal or abandonment of subsurface structures (e.g., building slabs, foundations, utilities, pits, basements, tunnels). This work was completed by various subcontractors who were all managed by Devon Industrial Group. Environmental oversight was completed by Arcadis and included field observations (field screening using a photoionization detector and inspection for visual or olfactory indications of impacts) of all soil that was exposed or excavated as part of the Phase 2 decommissioning activities, as well as off-Site analytical sampling to characterize any unexpected environmental conditions (UECs) that were identified based on these field observations.

During the environmental oversight associated with Phase 2 of Site decommissioning, approximately 14,552 field screening observations were made of excavated soil and approximately 2,861 field screening observations were made of exposed soil. For each UEC that was identified by field observations and confirmed using analytical sampling, a Site Decommissioning Response Action Plan Addendum was completed to document the field observations, location, analytical results, and proposed response actions for that UEC. A total of 60 UECs were identified during environmental oversight activities.

1 INTRODUCTION

This Site Decommissioning Response Action Implementation Report was developed by Arcadis U.S., Inc. (Arcadis) on behalf of Ford Motor Company (Ford) for the Twin Cities Assembly Plant (the Site). This report documents all field screening and analytical information collected during environmental oversight activities completed by Arcadis during Phase 2 of Site decommissioning (Phase 1 consisted of above-ground demolition activities and was completed by others). Environmental oversight activities completed during Phase 2 included characterization of soil that was exposed or excavated during the construction of temporary sediment retention ponds or during removal of various subsurface features. These features include, but are not limited to: foundation slabs, footings, and walls, pavement, rails and railroad ballast rock, former process pits, former process trenches, former service tunnels, basements, and former service utilities. The information was collected in accordance with the Site-Wide Contingency Plan (Arcadis 2013), later superseded by the Site Decommissioning Response Action Plan (SDRAP; Arcadis 2015) and/or the Temporary Sediment Retention Ponds work plan (Retention Ponds work plan; Arcadis 2014). The Temporary Sediment Retention Ponds work plan (Retention Ponds work plan) was approved by the Minnesota Pollution Control Agency (MPCA) on July 26, 2014 (MPCA 2014). The SDRAP was approved by the MPCA on May 20, 2015 (MPCA 2015). The objectives of the environmental oversight were to identify and document all unexpected environmental conditions (UECs) (e.g., soil exceeding the MPCA Tier I Soil Reference Values [SRVs], indications of visual or olfactory impacts) as they were excavated or exposed during decommissioning and to ensure that the soils were adequately addressed through removal, segregation, and/or containment.

2 SITE BACKGROUND

The Site is located at 966 South Mississippi River Boulevard in St. Paul, Ramsey County, Minnesota at approximate Latitude (north) 44° 54' 50.8" and Longitude (west) 93° 11' 31.9" (Figure 1). The Site is located in a mixed industrial, commercial and residential use area on the eastern shore of the Mississippi River, along the east side of South Mississippi River Boulevard, south of Ford Parkway, and west of South Cleveland Avenue (Figure 2).

2.1 Site Historical Use

The Site was vacant undeveloped land prior to construction of the main assembly building (MAB) in 1923. Several additions, which occurred mainly between 1960 and 1978, added 300,000 square feet to the original building footprint. The paint building was constructed in 1985 and was connected to the MAB via a 625-foot bridge. The steam plant, located across Mississippi River Boulevard, was constructed in 1923 and is approximately 10,400 square feet. A former coal gasification plant was located near the southeast corner of the steam plant, but was demolished sometime prior to 1974. The wastewater treatment plant is located adjacent to the steam plant and was constructed in 1984. Additional details on the history of the Site are available in the Phase I Environmental Site Assessment (Phase I ESA; Arcadis 2007).

Former operations at the Site consisted of the assembly and painting of cars and trucks, using parts manufactured off-Site. During World War II, the plant was converted for the production of armored tanks and aircraft engines. From 1978 until plant closure in 2011, assembly operations were limited to light-duty trucks (e.g., Ford Ranger). All parts for the assembly process were shipped to the plant via truck or rail. In general, the assembly process included assembly of the cab and box, cleaning and painting of the bodies, installation of the windshields utilizing a sealer compound, installation of the interior and other trim features and quality assurance and quality control checks for each completed vehicle. Assembly processes included welding, metal cleaning, painting and curing, windshield and trim installation, and preparation of the vehicles for delivery to an automobile dealership. Production buildings and several outbuildings comprised approximately 2,144,930 square feet within the property boundary. The primary production buildings consisted of the MAB, which also included a warehouse, and a paint building (Figure 2). In addition, the wastewater treatment plant and steam plant west of Mississippi River Boulevard were also associated with the former assembly operations.

2.2 Plant Closure and Site Decommissioning

Manufacturing operations at the Site ceased on December 16, 2011. A master plan for decommissioning the Site was developed and separated into three phases.

Phase 1 decommissioning activities included environmental decommissioning and structural demolition of all above ground structures. Phase 1 began in October 2012 and was completed in February 2014.

Devon Industrial Group (DIG) provided management of all construction subcontractors during Phase 1.

Phase 1 decommissioning activities consisted of:

- Utility disconnect;
- Universal waste, regulated material and asbestos-containing material abatement and disposal;

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- Equipment clean-out and removal from the MAB and paint building on the upper parcel and wastewater treatment plant and steam plant on the lower parcel); and
- Above ground structural demolition of the MAB and paint building.

Phase 1 was completed consistent with approved City of St. Paul Department of Safety and Inspection: Demolition Permits (Permit #20-13-167142 and Permit #20-13-167150).

Phase 2 decommissioning activities included removal or abandonment of all subsurface structures including building slabs, foundations, utilities, pits, basements, and tunnels. Phase 2 began in late August 2014 and was completed in September 2015. DIG provided management of all decommissioning subcontractors during Phase 2. AMEC Foster Wheeler (AMEC) provided environmental oversight of all activities related to sampling and characterization of building debris. Arcadis provided environmental oversight of all activities related to sampling and characterization of exposed and excavated soil. MPS Group (MPS) provided profiling, coordination, and transportation of all building debris and soil that was disposed of off-Site. Phase 2 decommissioning activities consisted of:

- Development and implementation of a stormwater pollution prevention plan (coordinated by DIG);
- Removal and/or abandonment of all remaining slab, foundation, utilities, pits, basements, and tunnels within the extent illustrated on Figure 2; and
- Crushing of all concrete that can be reused on-Site per the MPCA-approved Case-Specific Beneficial Use Determination (CSBUD; UT0124).

The environmental oversight completed by Arcadis and related to sampling, characterization and off-Site disposal of exposed and excavated soil is the subject of this report. The quantity of concrete reused on Site as backfill is reported annually to the MPCA via Solid Waste Utilization Program Annual Reports by AMEC.

Phase 3 of Site decommissioning consists of Site grading and restoration and will be completed at a later date.

3 SUMMARY OF ENVIRONMENTAL OVERSIGHT METHODOLOGY DURING DECOMMISSIONING

Arcadis developed the Site-Wide Contingency Plan (Contingency Plan) to provide guidance on oversight activities completed during the course of the subsurface structural demolition activities (Arcadis 2013). The purpose of the Contingency Plan was to address UECs that could potentially arise during the decommissioning, structural demolition, subsurface structure removal and abandonment, and Site restoration activities scheduled to continue through 2017. The MPCA approved the Contingency Plan on August 14, 2013 (MPCA 2013).

Construction of two temporary sediment retention ponds (retention ponds) was the first subsurface decommissioning work to be completed at the Site, as the stormwater pollution prevention plan required all retention ponds to be in place prior to disturbing any soil.

Construction of the Southwest Retention Pond began in July 2014 and the Contingency Plan was the governing document during this work. Arcadis developed the Temporary Sediment Retention Ponds work plan (Retention Ponds work plan) separately from the Contingency Plan to be utilized during installation of a second temporary sediment retention pond (Northeast Retention Pond) in an area of known soil impacts (Arcadis 2014). The MPCA approved the Retention Ponds work plan on July 26, 2014 (MPCA 2014). The Retention Ponds work plan addressed the environmental monitoring actions such as field screening of the excavated soil and segregation and disposal of impacted soil encountered during the construction of the Northeast Retention Pond.

The Contingency Plan was the main regulatory guidance document for environmental oversight completed during Site decommissioning activities until May 2015. In May 2015 the SDRAP was developed to supersede the Contingency Plan. The methodologies described in the SDRAP were consistent with those described in the Contingency Plan, but provided greater detail regarding the environmental oversight activities to take place during decommissioning and also provided a framework for remedial activities to be completed in localized areas of soil impacts (Arcadis 2015). The soil monitoring activities for excavated and exposed soil were pre-approved by the MPCA and implemented in the field prior to MPCA approval of the SDRAP. The MPCA approved the SDRAP on May 20, 2015 (MPCA 2015). The Retention Ponds work plan was not affected by the replacement of the Contingency Plan with the SDRAP. MPCA approval letters for all of the work plans described above are included in Appendix A.

This section summarizes the means and methods utilized during implementation of the work plans described above. As discussed below, the monitoring activities completed during environmental oversight of decommissioning included screening of all excavated and exposed soil using a photo ionization detector (PID; 11.7 electron volt lamp; calibrated twice daily), visual inspections of all excavated and exposed soil, and analytical laboratory analysis, as warranted, based on the PID readings and visual inspections. The sections below will reference MPCA-approved work plans when possible, as well as discuss any modifications or discrepancies.

3.1 Northeast Retention Pond Methodology

All work described below was completed in accordance with the MPCA-approved Retention Ponds work plan.

3.1.1 Excavated Soil

One temporary sediment retention pond (Northeast Retention Pond) was in an area known to be impacted with metals based on historical investigations (Arcadis 2014).

Prior to construction of the Northeast Retention Pond, the MPCA requested that three excavations be completed within the proposed footprint of the pond. The purpose of the excavations was to remove soil from areas with known impacts based on previous investigation activities. Soil removed as part of these excavations was screened at a frequency of once per 25 cubic yards (CY), as the soil was known to be impacted and was being sent off-Site for disposal. Following soil removal in the three areas of known impacts, the soil excavated for the remaining portion of the retention pond was screened at the following frequency:

Once per 10CY if:

- PID readings were less than 10 parts per million (ppm) and the soil did not exhibit any visual or olfactory indications of impacts. The soil was staged in 200CY stockpiles and a soil sample was collected to determine the potential for reuse on Site, in accordance with Section 3.1.3.1 below.
- PID readings were above 10ppm and below 100ppm, or exhibited olfactory indications of impacts. The soil was staged separately and soil samples were collected to determine the potential for reuse on Site in accordance with Section 3.1.3.1 below.

Once per 25CY if:

- PID readings were above 100ppm, exhibited visual or olfactory indications of impacts, or construction debris that could not be separated from the soil was encountered. The soil was added to the excavation stockpile and sampled for off-Site disposal in accordance with Section 3.1.3.1 below.

This reduction in screening frequency from the Retention Ponds work plan to once every 25CY in areas with clearly impacted soil was approved by the MPCA prior to implementation (MPCA 2014).

3.1.2 Exposed Soil – Sidewalls and Base

Soil left in place along the Northeast Retention Pond sidewalls was screened using a PID once for every 25 lateral feet at 4-foot vertical intervals below ground surface. Confirmation soil analytical samples were also collected from the Northeast Retention Pond sidewalls in accordance with the Retention Ponds work plan and as described in Section 3.1.3.1 below.

3.1.3 Analytical Requirements and Sampling Frequency

Samples collected for analysis were transferred to laboratory-supplied containers and placed on ice pending shipment to the laboratory following standard chain-of-custody procedures. All soil and groundwater samples were submitted to TestAmerica Laboratories in North Canton, Ohio for analysis.

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Additional details regarding the number of samples, bottles, preservation, and hold time for each analytical method listed below is included in Table 1.

3.1.3.1 Soil Sampling

Soil excavated from the Northeast Retention Pond with PID readings less than 10ppm and with no visual or olfactory indications of impacts was sampled to determine the potential for on-Site reuse via the following:

- Volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260
- Polynuclear aromatic hydrocarbons using USEPA Method 8270
- Resource Conservation and Recovery Act (RCRA) Metals using USEPA Method 6010
- Antimony using USEPA Method 6010.

Soil excavated from the Northeast Retention Pond with PID readings greater than 10ppm, with visual or olfactory indications of impacts, or with construction debris that could not be readily separated from the soil was sampled for off-Site disposal via one or more of the following:

- VOCs using USEPA Method 8260
- Semivolatile organic compounds (SVOCs) using USEPA Method 8270
- RCRA Metals using USEPA Method 6010
- Toxicity characteristic leaching procedure (TCLP) VOCs using USEPA Method 1311/8260
- TCLP SVOCs using USEPA Method 1311/8270
- TCLP RCRA Metals using USEPA Method 1311/6010
- TCLP Lead using USEPA Method 1311/6010
- Gasoline-range organics (GRO) using the Wisconsin (WI) Modified Method
- Diesel-range organics (DRO) using the WI Modified Method.

Upon completion of the Northeast Retention Pond excavation and sidewall screenings, six confirmation analytical samples were collected from the sidewalls for the following, per the Retention Ponds work plan:

- VOCs using USEPA Method 8260
- SVOCs using USEPA Method 8270
- RCRA Metals using USEPA Method 6010
- TCLP Lead using Method 1311/6010.

In addition, due to olfactory impacts observed during excavating, as discussed in Section 4.1.1, six confirmation analytical samples were also collected from the sidewalls for the following:

- GRO using the WI Modified Method

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- DRO using the WI Modified Method.

Analytical results for soil samples were compared to the MPCA Tier I Residential Soil Reference Values (SRVs) and MPCA Tier II Industrial SRVs for direct contact with soil.

3.1.3.2 Water Sampling

Perched groundwater that was encountered during excavation of the Northeast Retention Pond was inspected for visual (e.g., sheen, discoloration) and olfactory indications of impacts. Water samples were collected for analysis of one or more of the following:

- VOCs using USEPA Method 8260
- SVOCs using USEPA Method 8270
- Polychlorinated biphenyls (PCBs) using USEPA Method 8082
- Priority pollutant metals using USEPA Method 6010
- Total suspended solids using Standard Method 2540D.

Water samples analyzed for dissolved metals were field filtered using a 0.45-micron disposable filter prior to sample collection.

The analytical sampling described above was not part of the Retention Ponds work plan, rather water samples were collected to support discharge to the sanitary sewer system.

3.2 Environmental Oversight Methodology

All work described below was completed in accordance with the MPCA-approved SDRAP or Contingency Plan.

3.2.1 Excavated Soil

Soil excavated as part of subsurface structure decommissioning and excavation of a second temporary sediment retention pond (Southwest Retention Pond) was screened in accordance with the SDRAP and the Contingency Plan, respectively. These excavations targeted a variety of subsurface structures including Features identified in the Phase I ESA, non-feature subsurface structures (e.g., building foundation walls and footings, elevator pits, sludge pits, work pits, exhaust tunnels, utility tunnels, abandoned rail lines, former docks, lift stations, basement rooms, underground storage tanks), and multiple types of underground utilities. All excavated soil was screened using a PID a minimum of once per 10CY and was continuously screened for visual or olfactory indications of impacts. The general location of excavation areas for Features, subsurface structures, and utilities are shown on Figures 3, 4, and 5 respectively. Excavated soil was handled as follows:

- If PID readings were less than 10ppm and soil did not show any visual or olfactory indications of impacts or debris:
 - The soil was available to be placed back in the excavation after the subsurface structure was removed, with no additional sampling requirements.

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- If the soil was designated for use as fill in a different portion of the Site, it was stockpiled and sampled in accordance with Section 3.2.3.1 below prior to reuse. If reused on-Site in another area, the quantity and location of final placement was recorded.
- If PID readings greater than 10ppm and/or soil had any indications of visual or olfactory impacts or had construction debris that could not be separated from the soil:
 - Excavated soil was stockpiled and sampled for off-Site disposal in accordance with requirements of a Ford-approved and MPCA-permitted off-Site disposal facility. Soil stockpiles were staged next to their respective excavations or in designated staging areas. Stockpiles were placed on and covered by polyethylene sheets until removed from the Site.
 - If additional impacted soil was left in place after the excavation was completed, and Site conditions required access over the excavation area, the impacted soil may have been placed back into the excavation and the area, and addressed as discussed in Section 3.3.

3.2.2 Exposed Soil – Sidewalls and Base

Initial screening of exposed soil was completed in accordance with the Contingency Plan. Exposed soil was screened once for every 25 lateral feet at 4-foot vertical intervals below the ground surface (e.g., 0 to 4 feet, 4 to 8 feet, etc.) and once for every 100 square feet along the excavation base. This screening frequency was generally followed, regardless of whether the excavation was part of a Feature identified in the Phase I ESA or a non-Feature subgrade structure (e.g., building footing, retention pond). If the excavation was less than approximately 2 feet deep, sidewall screening samples were not collected. If the base was bedrock, then base screening was not completed. This methodology was utilized until Arcadis received MPCA pre-approval of the SDRAP screening protocol in March 2015 (Appendix A).

The SDRAP stipulated separate screening criteria for soil exposed as part of decommissioning activities based on whether the excavation was associated with an identified Phase I ESA Feature. This was done to ensure that sufficient soil screening was completed in areas with a relatively higher likelihood of impacts (i.e., Features). The soil screening frequency specified in the SDRAP is as follows:

Location	Screening Frequency
Soil exposed during removal of an identified Feature.	<u>Features less than 2,000 square feet</u> Minimum of one screening sample per 100 square feet covered by the Feature.
	<u>Features between 2,000 and 10,000 square feet</u> Minimum of one screening sample per 1,000 square feet covered by the Feature.
	<u>Features greater than 10,000 square feet</u> Minimum of one screening sample per 2,500 square feet covered by the Feature.
Soil exposed during removal of infrastructure (e.g., foundation and subgrade structures) not associated with an identified Feature.	Minimum of 10 screening samples per acre.

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Exposed soil was evaluated as follows:

- If PID readings were less than 10ppm and the soil did not show any visual or olfactory indications of impacts, the soil was left in place.
- If PID readings exceeded 10ppm or the soil exhibited visual or olfactory indications of impacts, impacted soil left in place was sampled for laboratory analysis as described in Section 3.2.3.1 and an SDRAP Addendum documenting the field observations, analytical results and proposed response action was generated and submitted to the MPCA. This SDRAP Addendum process is discussed in Section 3.3.

To ensure adequate screening was completed in areas not associated with a Feature (minimum 10 samples per acre) and that sample locations were evenly spaced across the Site, the Site was divided into 50-foot by 50-foot grids and a minimum of one field screening sample was collected in each grid. This process resulted in approximately 17 screening samples per acre. These “grid” screening samples of exposed soil were collected from beneath the foundation slab within the MAB, warehouse, and paint building footprints and from all excavations not associated with a Feature. Grid screening of exposed soil was generally not completed in grids where Features were present. In some locations, a second slab that was likely a remnant of previous building layouts was encountered. In these areas, a second round of grid screening was collected from below the second slab.

All screening samples were collected via hand auger or shovel from a depth of approximately 1 foot below grade following removal of building slabs. If soil was exposed when the temperature was below freezing, the exposed soil was inspected for visual or olfactory indicators of impacts as an interim measure and was not screened until the spring when ambient temperatures allowed for soil screening. PID screening was not completed if the exposed surface was bedrock.

3.2.3 Analytical Requirements and Sampling Frequency

This section summarizes the sampling analyses and frequency utilized during the different decommissioning activities.

Samples collected for analysis were transferred to laboratory-supplied containers and placed on ice pending shipment to the laboratory following standard chain-of-custody procedures. All soil and groundwater samples were submitted to TestAmerica Laboratories in North Canton, Ohio for analysis. Additional details regarding the number of samples, bottles, preservation, and holding time for each analytical method listed below is included in Table 1.

3.2.3.1 Soil Sampling

UECs were identified and soil samples were collected from the base and sidewall of excavations and from grid screening locations when field screening observations including elevated PID readings, visual and/or olfactory indications of impacts, or debris were present. Soil samples were collected, at a minimum, as follows:

- If PID readings were greater than 10ppm, soil samples were analyzed for VOCs by USEPA Method 8260.

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- If petroleum impacts were suspected based on visual or olfactory observations, samples were analyzed for GRO and DRO by the WI Modified Method.
- If unexpected conditions, such as debris, clinkers, free-product, or staining, or any contaminated media were encountered during the excavation, samples were analyzed for RCRA metals (USEPA Method 6010), TCLP lead (USEPA Method 1311 and 6010), cyanide (USEPA Method 335), and SVOCs (USEPA Method 8270).
- If soils had any indication of oily wastes, samples were analyzed for PCBs by USEPA Method 8082.

Analytical results for soil samples were compared to the MPCA Tier I Residential SRVs and MPCA Tier II SRVs for direct contact with soil and Soil Leaching Values for potential for leaching to groundwater and were included with the SDRAP Addendum associated with each UEC.

Soil excavated during decommissioning that did not have any PID readings greater than 10ppm or visual or olfactory indications of impacts or debris was potentially reused on-Site. If the material was immediately placed back into the original excavation, the material was temporarily stockpiled next to the excavation and backfilled upon completion of the excavation with no additional analytical required. If the material was not immediately placed back into the original excavation a stockpile was generated and assigned an identification number for tracking. If those stockpiles were moved to another portion of the Site and used as backfill, the stockpile was sampled for one or more of the analyses listed below prior to reuse:

- VOCs using USEPA Method 8260
- SVOCs using USEPA Method 8270
- Polynuclear aromatic hydrocarbons using USEPA Method 8270
- GRO using the WI Modified Method
- DRO using the WI Modified Method
- Cyanide using USEPA Method 335.4
- RCRA Metals using USEPA Method 6010
- Target Analyte List (TAL) metals using USEPA Method 6010
- PCBs using USEPA Method 8082
- TCLP Lead using Method 1311/6010.

Analytical results were compared to the MPCA Tier I Residential SRVs and MPCA Tier II Industrial SRVs for direct contact with soil.

If the material had PID readings greater than 10ppm and/or visual or olfactory indicators of impacts or debris, then the material was stockpiled and sampled prior to off-Site disposal. Samples collected for off-Site disposal were analyzed per requirements of the Ford-approved and MPCA-permitted disposal facility. MPS developed all soil waste profiles, based on the analytical results, and coordinated disposal with the disposal facility.

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All stockpiles were sampled at the following frequency, which is consistent with MPCA Petroleum Remediation Program Guidance Document 4-04 Soil Sample Collection and Analysis Procedures (MPCA 2008):

Cubic Yards of Soil	Number of Grab Samples
Less than 50	1
51-500	2
501-1000	3
1001-2000	4
2001-4000	5
Each additional 2,000	One additional sample

If the material was placed back in the excavation it was removed from, no analytical sampling was required (Arcadis 2015).

3.2.3.2 Water Sampling

Water that was encountered during decommissioning activities through soil excavations (e.g., perched groundwater or subsurface piping) was inspected for visual (e.g., sheen, discoloration) and olfactory indications of impacts. Samples collected as part of decommissioning an identified Feature were analyzed for parameters associated with that Feature as defined in the Exterior or Interior Work Plans (Arcadis 2008, Arcadis 2010). Samples collected as part of decommissioning a non-Feature were based on observations as outlined in the SDRAP (Arcadis 2015). Water samples were collected for characterization only and were analyzed for one or more of the following:

- VOCs using USEPA Method 8260
- SVOCs using USEPA Method 8270
- GRO using the WI Modified Method
- DRO using the WI Modified Method
- PCBs using USEPA Method 8082
- Cyanide using USEPA Method 6010
- TAL Metals using USEPA Method 6010, dissolved.

Water samples analyzed for dissolved metals were field filtered using a 0.45-micron disposable filter prior to sample collection. Analytical results for water samples were compared to the MPCA Health Based Values and were reported as part of the SDRAP Addendums.

Any water that was encountered as part of decommissioning activities not associated with soil excavations was sampled and disposed of by AMEC. This included water in subsurface piping or that had collected in subsurface pits, trenches, and tunnels. Dewatering activities that occurred on-Site were implemented following approval of the Special Discharge Permits submitted by AMEC and issued by the

Metropolitan Council Environmental Services. Any Special Discharge Permits associated with dewatering activities have been included in Appendix B.

3.3 SDRAP Addendum Methodology

During decommissioning activities, elevated PID readings, visual and olfactory indications of impacts, and/or unexpected debris were encountered as a result of the field screening described above. These impacts were identified as UECs. As UECs were detected, a minimum of one laboratory analytical sample was collected in accordance with the guidelines discussed in Section 3.2.3.1.

Detailed notes regarding the location, description, field observations, analytical results, and proposed response actions for each of the UECs were recorded in Addendums to the SDRAP and submitted to the MPCA using a pre-approved format included in the SDRAP.

4 RESULTS OF ENVIRONMENTAL OVERSIGHT OF DECOMMISSIONING ACTIVITIES

4.1 Northeast Retention Pond Results

4.1.1 Excavated Soil Screening

Prior to excavation of the Northeast Retention Pond, three initial excavations were completed in areas that had been identified during previous subsurface investigations with metals impacts. Two 25-foot by 25-foot by 4-foot deep excavations were completed, one each correlating to historical boring locations ASB-171 and ASB-172. Excavated soil from the ASB-171 excavation did not exhibit PID readings greater than 0.3ppm, but did exhibit an odor as well as glass and metal debris. Excavated soil from the ASB-172 excavation exhibited PID readings greater than 100ppm, as well as an odor and glass debris. A third excavation, 56-feet by 22-feet by 7-feet deep, was excavated around adjacent borings ASB-175 and ASB-0707W. This excavated material also exhibited PID readings greater than 100ppm, a strong odor, and glass debris. As metals impacts were known for these locations, the soil for all three excavations was screened once for every 25CY and immediately stockpiled for off-Site disposal. A summary of the screening sample identifications, PID values, soil volume, and staging location is included in Table 2. The locations of these three excavations are illustrated on Figure 6.

Following the completion of the three excavations, soil for the remainder of the Northeast Retention Pond was screened at the frequency stipulated in Section 3.1.1 above, with the exception of soil removed from the southeast corner. Soil in the southeast corner was not immediately accessible for excavation due to the presence of an active stormwater line and active high pressure gas line. Five test pits were completed in the accessible area to determine if impacted soil extended to that portion of the Northeast Retention Pond (Figure 6). Olfactory impacts in the screened excavated soil and in the test pits ranged between petroleum-like and solvent-like. Debris encountered within the Northeast Retention Pond included one compressed metal 55-gallon drum, wood, pieces of polyvinyl chloride pipe, clay pipe, metal, and glass. The screening sample identifications, PID values, soil volume, and location of each screening sample are included in Table 2. A total of 808 field screening samples were collected from the soil excavated to create the Northeast Retention Pond.

The excavation continued to a total depth of approximately 10 feet below ground surface, when bedrock was encountered. The excavation sidewalls were sloped to a 1-foot vertical per 2-foot horizontal grade. A photograph log documenting the excavation for the Northeast Retention Pond is included in Appendix C. Field notes regarding the pre-excavation test pits and excavation screening are included in Appendix D.

4.1.2 Exposed Soil Screening – Sidewalls and Base

A total of 94 screening samples were collected along the exposed excavation sidewalls of the Northeast Retention Pond in accordance with the Retention Ponds work plan as described in Section 3.1.2 above, with the exception of the southeast corner of the retention pond. The five test pits that were excavated in the southeast corner extended beyond the retention pond footprint both laterally and vertically, and exhibited strong olfactory impacts, as well as metal, wood and glass debris. As a result, it was determined

that additional sidewall screening was not needed as impacted soil at the perimeter of the retention pond had been confirmed. Screening along the remaining exposed sidewalls also indicated that impacts remained in place, particularly in the bottom half of the sidewalls along the southern and northeastern sides (Table 3). No screening samples were collected from the base as the excavation for the Northeast Retention Pond terminated at bedrock. Locations of the five test pits and exposed sidewall screening samples are illustrated on Figure 6. Field notes regarding the additional test pits and exposed sidewall screening are included in Appendix D.

4.1.3 Analytical Results

4.1.3.1 Soil

A total of nine stockpiles (SP002 through SP007, SP009, SP011 and SP012) were generated from the Northeast Retention Pond. The excavated material was segregated based on the criteria listed in Section 3.1.1, with the exception of Stockpile 011 (SP011), which was segregated due to the high density of debris observed.

- Stockpiles 002 through 007 (SP002 – SP007) contained soil with less than 10ppm on the PID and with no visual or olfactory indications of impacts, and therefore, were sampled for on-Site reuse. Analytical results for SP002, SP003, SP004, and SP006 did not detect concentrations of any constituents exceeding their applicable MPCA Tier I Residential SRVs or Tier II Industrial SRVs, and were designated for on-Site reuse. Stockpile SP005 detected concentrations of antimony exceeding the MPCA Tier I Residential SRV and lead exceeding the MPCA Tier II Industrial SRV. Stockpile SP005 was subsequently disposed of off-Site. Stockpile SP007 was reused within the Northeast Retention Pond footprint to build a berm around a portion of the pond to create a constant elevation at the perimeter. Because the soil was reused in the same area that it was removed from no analytical sampling was required (Section 3.2.1).
- Stockpile 009 (SP009) was also segregated with the potential for on-Site reuse; however, concentrations of arsenic and lead exceeding MPCA Tier I Residential SRVs and 1,2,4-trimethylbenzene exceeded the MPCA Tier II Industrial SRV. Therefore SP009 was categorized as unsuitable for reuse on-Site and the soils were disposed of off-Site.

A summary of stockpile reuse and final placement is included in Table 4. A summary of analytical results for soil retained on-Site for reuse is included in Table 5. A summary of analytical results for soil sent off-Site for disposal is included in Table 6. The locations for final placement of the soil stockpiles categorized as reusable are illustrated on Figure 7. Manifests for off-Site disposal are included in Appendix E.

The remaining excavated material from the Northeast Retention Pond, including material from the southeast corner test pits, was categorized as unsuitable for reuse on-Site based on field screening results (e.g., PID readings greater than 10ppm, debris, visual and/or olfactory impacts) and analytical results which characterized the material as hazardous based on lead concentrations. Ford requested approval from the MPCA to stabilize the lead prior to off-Site disposal (Appendix A). Based on the MPCA-approved methodology, a stabilizing agent (Blastox) was mixed with the soil to reduce lead concentrations. Arcadis re-collected soil samples for lead analysis following mixing. The analytical results confirmed that stabilization of the lead had occurred, and the material was re-characterized as non-

hazardous by MPS for off-Site disposal. A summary of stockpile characterizations (on-Site reuse or off-Site disposal) is included in Table 4.

Following retention pond construction, six soil samples were collected for analysis from the remaining exposed sidewalls of the Northeast Retention Pond. Analytical results confirmed that the soil remaining in place is impacted with metals (arsenic), as well as GRO and DRO. The impacted soil remains in place until a final use determination for the Site has been made. A geomembrane liner was installed in the Northeast Retention Pond to separate the impacted soil remaining in place from stormwater that may enter the pond. Installation of the geomembrane liner is discussed in Section 4.1.4 below. Results of the analytical samples are included in Table 5. Locations of the analytical samples are shown on Figure 6. No confirmation analytical samples were collected from the base as the excavation terminated at bedrock. Field notes regarding the analytical sampling are included in Appendix D. Laboratory analytical reports are included in Appendix F.

4.1.3.2 Water

During the excavation of the Northeast Retention Pond, perched groundwater was encountered along the east and west ends of the pond, which exhibited a visual sheen. Two water samples, one from each end, were collected for VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), priority pollutant metals (USEPA Method 6010), and PCBs (USEPA Method 8082). One sample was also collected for total suspended solids (Standard Method 2540D). The samples were collected to determine if the perched groundwater could be discharged to the storm sewer system. Upon receipt of the analytical results, Ford applied for and received a Special Discharge Permit for the water to be temporarily discharged to the sanitary sewer system (Appendix B). As discussed above in Section 3.2.3.2, characterization of water for off-Site disposal was outside the scope of the SDRAP and was completed by Ford and/or AMEC.

4.1.4 Geomembrane Liner Installation

Due to the soil and perched groundwater impacts remaining in place after excavation of the Northeast Retention Pond, an impermeable geomembrane liner was installed to prevent direct contact between the impacted soil and perched groundwater and stormwater runoff held in the retention pond. This work was not completed as part of the SDRAP implementation. A photograph log documenting the liner installation for the Northeast Retention Pond is included in Appendix C. Field notes regarding the analytical sampling and liner installation are included in Appendix D.

4.2 Environmental Oversight Results

4.2.1 Excavated Soil Observations

The location of all sub-surface Features, non-features, and utilities that were removed in accordance with the SDRAP as part of the Site decommissioning work are shown on Figures 3, 4, and 5, respectively. Excavated soil was generated with the removal of each structure and was field screened in accordance with the frequency stipulated in Section 3.2.1 above.

A total of approximately 13,379 screening samples were collected from soil excavated as part of decommissioning activities. During field screening activities, olfactory indications of impacts, visual

indications of impacts, and/or PID readings greater than 10ppm were observed at nine locations associated with Features and 44 locations associated with non-Features. A summary of these impacted locations including screening sample identifications, date of collection, field observations (e.g., elevated PID readings, visual and/or olfactory indicators of impacts), and staging location are included in Table 7. A complete summary of all the field readings collected during excavation of soil associated with Features is included in Appendix G. A complete summary of all the field readings collected during excavation of soil associated with non-Feature subgrade structures and utilities is included in Appendix H.

If no olfactory indicators of impacts, visual indicators of impacts, and/or PID readings greater than 10ppm were observed in excavated soil, the soil was either placed back in the excavation or stockpiled for characterization prior to reuse as clean backfill in another part of the Site (discussed in Section 4.2.3 below). A summary of all excavated soil that was stockpiled and characterized for reuse including the stockpile number, size, sample date, reuse classification, and final destination is included in Table 4.

A photograph log documenting excavation activities is included in Appendix C. Field notes regarding the excavation screenings are included in Appendix D.

4.2.2 Exposed Soil Observations

The subsections below are specific to environmental oversight results collected for Features and for non-Feature subgrade structures and utilities because the SDRAP and screening frequency was different for each of these groups. As discussed in Section 3.2.1 above, screening along the exposed excavation sidewalls and base for Features and non-Features was collected at the frequency stipulated in the Contingency Plan until pre-approval of the SDRAP screening protocol by the MPCA was received on March 6, 2015 (Appendix A).

4.2.2.1 Exposed Soil Observations - Features

A total of 727 screening samples of exposed soil associated with 44 Features were collected during Site decommissioning activities. A summary of the Feature name, Feature size, required number of screening samples per the SDRAP, and actual number of screening samples collected is included in Table 8. A Site-wide overview map showing locations of the field screening samples associated with Features is shown on Figure 8. Zoomed in sub-figures showing additional details, including names of individual screening samples and Features, are included as Figures 8a through 8h. The approval of the revised screening frequency in the SDRAP occurred as the sidewalls and bases were being screened for two Features within the MAB (Feature 59 – Railroad Spur and Feature 60 – Former Railroad Spur). These two Features are greater than 10,000 square feet, and thus, were screened less frequently from that point on, as illustrated on Figure 8.

Six base screening samples collected from Feature 59 – Railroad Spur exhibited PID readings greater than 10ppm. One base screening sample collected from Feature 60 – Former Railroad Spur exhibited olfactory impacts and a PID reading greater than 10ppm. In addition, five of the impacted excavations related to Features and discussed above in Section 4.2.1 also exhibited PID readings greater than 10ppm, olfactory indications of impacts and/or visual indications of impacts along the sidewalls and/or base. A summary of the locations where PID readings greater than 10ppm, olfactory indications of impacts and/or visual indications of impacts on the exposed sidewall and base were observed is included

in Table 9. A complete summary of field screening results associated with exposed soil as part of Feature removal is included in Appendix I.

4.2.2.2 Exposed Soil Observations – Non-Features

Non-Feature soil screening samples were collected from the excavations left behind after removal of a subsurface structure or utility, construction of the Southeast Retention Pond, and grid screening completed in areas of the Site where a concrete slab or asphalt was removed, but no other subsurface structures were present. This screening was completed at a minimum frequency of 10 samples per acre, with at least one sample collected from each non-Feature excavation, and additional grid screening samples were collected to ensure adequate coverage of areas where no Features were present. Based on a total exposed area at the Site of approximately 68 acres, a minimum of 680 non-Feature soil samples would be required. Adding the additional sample frequency discussed above, a total of 2,040 screening samples were collected. A Site-wide overview map showing locations of the field screening samples associated with non-Feature subsurface structures is shown on Figure 9. Zoomed in sub-figures showing additional details, including names of individual screening samples, are included as Figures 9a through 9g. A Site-wide overview map showing locations of the field screening samples associated with utilities is shown on Figure 10. A Site-wide overview map showing locations of the field screening samples associated with grid screening of exposed soil is shown on Figure 11. The minimum screening frequency was the same for non-Feature subsurface structures, utilities, and grid screening; the results and screening locations are shown on separate figures for clarity.

The sidewall and base screening exhibited PID readings greater than 10ppm, olfactory indications of impacts and/or visual indications impacts at 27 subsurface structures, seven utilities and three grid screening locations. A summary of the locations where PID readings greater than 10ppm, olfactory indications of impacts and/or visual indications of impacts on the exposed sidewall and base were observed is included in Table 9. A complete summary of all the field screening results associated with exposed soil as part of non-Feature subsurface structure removal is included in Appendix J. A complete summary of all the field screening results associated with exposed soil as part of utility removal is included in Appendix K. A complete list of all the field screening results associated with the grid screening of exposed soil is included in Appendix L. Field notes regarding the exposed sidewall and base screening as well as the grid screening are included in Appendix D.

4.2.3 Analytical Results

4.2.3.1 Soil

Excavated material was segregated based on the criteria listed in Section 3.2.1 and is summarized in Table 4. Stockpiles used as backfill within their original excavation were not sampled for characterization. Stockpiles designated for potential reuse on-Site outside the original excavation were sampled for characterization, as outlined in Section 3.2.3, prior to final placement.

A total of eight stockpiles (SP17, SP30, SP80, SP82, SP99, SP102, SP108, and SP109) were considered for reuse on-Site based on field screening results, but exceeded at least one Tier 1 Residential SRV and were therefore disposed of off-Site. In addition to those eight stockpiles, several stockpiles sampled for potential reuse on-Site exceeded only the MPCA Tier I Residential SRV for iron. The MPCA provided

approval to reuse these stockpiles on-Site without restriction (Appendix A). The final placement of stockpiles designated for reuse across the Site is summarized in Table 4 and illustrated on Figure 7. Analytical reports are included in Appendix F. A summary of analytical results for the stockpiles designated for on-Site reuse is included in Table 5. In addition, Figure 7 illustrates excavations that were backfilled with CSBUD Class 5 crushed concrete. These excavations did not generate enough soil to backfill the entire excavation to grade. As a result, the CSBUD Class 5 crushed concrete was used to supplement backfilling the excavations to grade.

Forty-six additional stockpiles were designated unsuitable for reuse on-Site based on field screening results and were shipped off-Site for disposal. Two stockpiles associated with Feature 35 (Waste Solvent Underground Storage Tanks) and Feature 36 (Former Bulk Solvents and Waste Solvent Underground Storage Tanks) were shipped for off-Site disposal to the Veolia North America-Trade Waste Incineration Facility in Sauget, Illinois. The remaining stockpiles were shipped for off-Site disposal to the SKB Rosemount Industrial and C&D Waste Disposal Facility in Rosemount, Minnesota. A summary of analytical results for the stockpiles sent off-Site for disposal is included in Table 6. Laboratory analytical reports are included in Appendix M.

If the sidewalls and base of an excavation exhibited impacts based on field observations, a sample was collected from the location with the strongest field screening results to characterize the conditions remaining in place. If impacts were noted during field screening of excavated soil, but the sidewall and base of soil remaining in place did not exhibit impacts, a sample was collected from below the location of the strongest excavated impacts. Analytical samples were consistent with sample requirements discussed in Section 3.1.3.1. Each location where impacts were suspected based on field screening results were classified as UECs and were summarized in SDRAP Addendums. These locations are discussed in Section 4.3 below. Field notes regarding the analytical sampling are included in Appendix D. Analytical reports are included in Appendix M.

4.2.3.2 Water

Based on visual observations (e.g., sheen, discoloration), impacted groundwater was encountered during excavations at two locations (a foundation footing and Feature 67 – Production Hydraulic Lift) and during decommissioning of a third location (Feature 10 – Former Hazardous Waste Storage Area). Analytical samples were collected from the water at these three locations in accordance with Section 3.2.3.2 as they represented UECs encountered during decommissioning activities. The observed conditions and analytical results were utilized to develop SDRAP Addendums, discussed in Section 4.3 below. As outlined in the SDRAP, the purpose for collecting water samples was for characterization only (Arcadis 2015). A photograph log documenting the excavations and water sampling is included in Appendix C. Field notes regarding the analytical sampling are included in Appendix D.

4.3 SDRAP Addendums

As a result of the field observations discussed in Section 4.2 above, 60 separate locations were identified as UECs. The global positioning system locations, field observations, analytical results (if applicable), field notes/photographs, and proposed response actions were summarized in individual SDRAP Addendums and submitted to the MPCA for approval. The 60 SDRAP Addendums, including the location description, analytical sample identification(s), stockpile identification(s), and whether the UEC is currently

SITE DECOMMISSIONING REMEDIAL ACTION IMPLEMENTATION REPORT

an open excavation, are summarized in Table 10. The SDRAP Addendum locations are illustrated on Figure 12. The 60 SDRAP Addendums and corresponding MPCA approvals are included in Appendix N.

5 CURRENT SITE CONDITIONS AND CONCLUSIONS

5.1 Current Site Conditions

Subsurface excavations related to Phase 2 Site decommissioning activities were completed in September 2015. All subsurface structures were removed on the main parcel of the Site (east of South Mississippi River Boulevard), with the exception of the following, which will be removed during future response actions:

- North foundation wall and footings of the MAB;
- Solvent underground storage tank containment structure south of the paint building;
- Former battery house foundation and underground storage tanks along east-central MAB; and
- Utilities (e.g., fire line, sanitary, storm and water lines) along the northeast corner of the MAB; between the former battery house and former hopper house; south of the paint building; between the paint building and MAB; and between the paint building and northeast temporary sediment retention pond.

These locations appear to be part of larger areas of impacts that will be decommissioned as part of a comprehensive Response Action Plan, which will be submitted at a later date. The location of these remaining subsurface structures and the extent of the Phase 2 Site decommissioning are illustrated on Figure 13. Within the limits of the Phase 2 Site decommissioning outlined on Figure 13:

- All excavations that did not have evidence of impacts based on field screening were backfilled with either clean excavated soil or Class 5 crushed concrete to match existing grade. These areas were then leveled and gently graded to allow for surficial drainage to the retention ponds.
- Excavations that did have evidence of impacts based on field screening (SDRAP Addendum locations) currently have open excavations, as noted in Table 10. With the exception of one stockpile (SP126) generated during decommissioning activities, all impacted soil that was excavated and stockpiled (Section 4.2.1, Table 4) has been disposed of off-Site. Two stockpiles were disposed of off-Site at the Veolia Landfill in Illinois and the remaining stockpiles were disposed of off-Site at the SKB Rosemount Industrial and C&D Waste Disposal Facility in Rosemount, Minnesota.

With the exception of stockpile SP126, the only other stockpiles remaining on-Site that were generated during decommissioning activities are of soil that did not show any elevated PID readings or indications of visual or olfactory impacts. These soil stockpiles are designated for reuse outside their original excavation and will require analytical sampling as discussed in Section 3.2.3.1 prior to placement.

5.2 Conclusions

Site decommissioning activities completed to date have been monitored and documented, as stipulated in the SDRAP. Sixty separate locations were identified as UECs during decommissioning activities and were summarized in individual SDRAP Addendums. Each SDRAP Addendum was submitted to the MPCA for approval. Thirty nine of the 60 SDRAP Addendums will be addressed individually. These 39 SDRAP addendums are currently scheduled for implementation in the second and third quarter of 2016, which

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entails excavation, confirmation sampling, and backfilling with clean fill (or on-site stockpiles designated for reuse).

The remaining 21 SDRAP Addendums appear to be part of larger areas of impacts that will require a more comprehensive Response Action Plan, which will be submitted at a later date.

6 REFERENCES

- Arcadis. 2007. Phase I Environmental Site Assessment. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. June 29.
- Arcadis. 2008. Supplemental Phase II – Exterior Investigation Work Plan. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. May 13.
- Arcadis 2010. Phase II – Interior Investigation Work Plan. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. May 28.
- Arcadis. 2013. Environmental Contingency Plan – Site-Wide Contingency Plan. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. July 17.
- Arcadis. 2014. Temporary Sediment Retention Ponds. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. July 11.
- Arcadis. 2015. Site Decommissioning Response Action Plan. Ford Motor Company, Twin Cities Assembly Plant, St. Paul, Minnesota. April 1.
- MPCA. 2008. Guidance Document 4-04, Soil Sample Collection and Analysis Procedures. September. Available online at: <https://www.pca.state.mn.us/sites/default/files/c-prp4-04.pdf>.
- MPCA. 2013. Environmental Contingency Plan Approval. August 14.
- MPCA. 2014. Email from A. Hadiaris (MPCA) to A. Pagnon (Arcadis) re: TCAP – Temporary Sediment Retention Ponds. July 26.
- MPCA. 2015. Approval of Site Decommissioning Response Action Plan. May 20.

TABLES



Table 1
Analytical Method Summary
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Analysis	Method	Soil				Water			
		Bottleware	Volume	Preservative	Hold Time	Bottleware	Volume	Preservative	Hold Time
VOCs	USEPA 8260	VOAs	2-40 mL	10 mL MeOH	21 days	VOAs	3-40 mL	HCl to pH < 2	14 days
SVOCs	USEPA 8270	amber glass (clear ok)	4 oz.	None	14 days	amber glass	2-1 L	None	7 days
Polycyclic Aromatic Hydrocarbons	USEPA 8270	amber glass (clear ok)	4 oz.	None	14 days	amber glass	2-1 L	None	7 days
Polychlorinated Biphenyls	USEPA 8082	amber glass (clear ok)	4 oz.	None	14 days	amber glass	2-1 L	None	7 days
DRO	USEPA Modified 8015/ WI DRO	amber glass (clear ok)	2 oz. (25-30 g soil)	None	10 days	amber glass, wide mouth	2-1 L	HCl to pH < 2	7 days
GRO	USEPA Modified 8015/ WI GRO	VOAs	1-40 mL	10 mL MeOH	14 days	VOAs	3-40 mL	HCl to pH < 2	14 days
Total Cyanide	USEPA 6010	amber glass (clear ok)	4 oz.	None	14 Days	plastic	1-250 mL	NaOH to pH>12	14 Days
RCRA/TAL/Priority Pollutant Metals	USEPA 6010	amber glass (clear ok)	4 oz.	None	6 months	plastic	1-250 mL	HNO ₃ to pH<2	6 months
Corrosivity (pH)	USEPA 9045	amber glass (clear ok)	4 oz.	None	None Cited	plastic	1-250 mL	None	Field
Flashpoint	USEPA 1010	amber glass (clear ok)	4 oz.	None	28 Days	amber glass, narrow mouth	1-250 mL	None	28 Days
Moisture Content	ASTM D2216	clear glass	2 oz.	None	7 days	Not Applicable			
Paint Filter Liquids Test	USEPA 9095	amber glass (clear ok)	4 oz.	None	None Cited	Not Applicable			
Total Suspended Solids	SM 2540D	Not Applicable				plastic	1 L	None	7 Days
TCLP VOCs	USEPA 1311/8260	clear glass	1-16 oz.	None	14 Days	amber glass	2-1 L	None	7 Days
TCLP SVOCs	USEPA 1311/8270	clear glass	1-16 oz.	None	14 Days	amber glass	2-1 L	None	7 Days
TCLP Metals	USEPA 1311/6010	clear glass	1-16 oz.	None	14 Days	amber glass	2-1 L	None	7 Days
TCLP Pesticides	USEPA 1311/8081	clear glass	1-16 oz.	None	14 Days	amber glass	2-1 L	None	7 Days
TCLP Herbicides	USEPA 1311/8151	clear glass	1-16 oz.	None	14 Days	amber glass	2-1 L	None	7 Days

Acronyms and Abbreviations:

<	less than	USEPA	United States Environmental Protection Agency
>	greater than	VOAs	volatile organic analysis (container)
ASTM	ASTM International	VOC	volatile organic compound
DRO	diesel-range organics	WI	Wisconsin
g	gram		
GRO	gasoline-range organics		
HCl	hydrochloric acid		
HNO ₃	nitric acid		
L	liter		
mL	milliliter		
MeOH	methanol		
NaOH	sodium hydroxide		
oz.	ounces		
RCRA	Resource Conservation and Recovery Act		
SM	Standard Methods		
SVOC	semivolatile organic compound		
TAL	Target Analyte List		
TCLP	toxicity characteristic leaching procedure		

Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/08/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-001	0.0	3	None Noted; ASB-171 Excavation	Brown, Black, Tan	SP011
08/08/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-002	0.0	50	None Noted; ASB-171 Excavation	Brown, Black, Tan, Glass	SP011
08/08/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-003	0.3	75	Odor; ASB-171 Excavation	Brown, Black, Tan, Glass	SP011
08/08/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-004	0.2	100	Odor; ASB-171 Excavation	Brown, Black, Tan, Glass	SP011
08/08/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-005	0.1	125	None Noted; ASB-171 Excavation	Brown, Black, Tan, Glass	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-006	1.0	150	Odor; ASB-171 Excavation	Brown, Black, Olive, Green	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-007	2.4	175	None Noted; ASB-172 Excavation	Brown, Black, Olive, Green	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-008	580.5	200	None Noted; ASB-172 Excavation	Brown, Black, Olive, Green, Black Metal	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-009	534.5	225	Strong Odor; ASB-172 Excavation	Brown, Black, Olive, Green	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-010	712.9	250	Strong Odor; ASB-172 Excavation	Black	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-011	298.1	275	Strong Odor; ASB-172 Excavation	Black	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-012	44.4	300	Strong Odor; ASB-172 Excavation	Black	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-013	9.1	325	None Noted; ASB-175-ASB-0707W Excavation	Gray, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-014	388.2	350	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-015	463.3	375	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-016	289.4	400	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-017	591.8	425	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-018	479.4	450	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-019	28.9	475	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-020	274.8	500	Strong Odor; ASB-175-ASB-0707W Excavation	Gray, Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-021	528.1	525	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-022	337	550	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-023	539.1	575	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-024	495	600	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-025	1,459	625	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-026	701	650	Strong Odor; ASB-175-ASB-0707W Excavation	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-027	0.1	660	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-028	0.1	670	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-029	0.0	680	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-030	0.1	690	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-031	0.1	700	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-032	0.0	710	None Noted	Brown	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-033	0.2	720	None Noted	Brown, Gray	SP002

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Table 2
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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-034	0.1	730	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-035	0.3	740	None Noted	Brown, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-036	0.5	750	None Noted	Brown, Black, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-037	0.2	760	None Noted	Brown, Black, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-038	0.2	770	None Noted	Brown, Black, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-039	0.5	780	None Noted	Brown, Black, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-040	0.2	790	None Noted	Brown, Black, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-041	0.2	800	None Noted	Brown, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-042	0.4	810	None Noted	Brown, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-043	0.3	820	None Noted	Brown, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-044	0.5	830	None Noted	Brown, Gray, Tan	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-045	0.3	840	None Noted	Brown, Tan, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-046	0.7	850	None Noted	Brown, Tan, Gray	SP002
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-047	0.6	860	None Noted	Brown, Tan, Gray	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-048	0.9	870	None Noted	Brown, Tan, Gray, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-049	0.8	880	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-050	0.8	890	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-051	0.8	900	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-052	0.7	910	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-053	0.7	920	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-054	0.8	930	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-055	0.6	940	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-056	0.7	950	None Noted	Black, Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-057	0.7	960	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-058	0.5	970	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-059	0.9	980	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-060	0.7	990	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-061	0.6	1000	Slight Odor	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-062	0.7	1010	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-063	0.5	1020	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-064	0.4	1030	None Noted	Brown, Tan, Green	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-065	0.7	1040	None Noted	Black, Brown, Gray	SP003
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-066	0.9	1050	None Noted	Black, Brown, Gray	SP003

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St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-067	0.4	1060	None Noted	Black, Brown, Gray	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-068	0.6	1070	None Noted	Brown, Gray, Black	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-069	0.7	1080	Slight Odor	Brown, Gray, Black	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-070	0.7	1090	None Noted	Brown, Gray, Black	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-071	0.6	1100	Slight Odor	Brown, Gray, Black	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-072	0.7	1110	None Noted	Gray, Brown	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-073	0.4	1120	None Noted	Gray, Brown	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-074	0.4	1130	None Noted	Gray, Brown	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-075	0.5	1140	Slight Odor	Gray, Brown	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-076	0.2	1150	Slight Odor	Gray, Brown	SP004
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-077	855	1170	Slight Odor; Test Pit ASB-175-ASB-0707W	Black, Brown, Blue, Olive	SP012
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-078	65	1190	Slight Odor; Test Pit ASB-175-ASB-0707W	Black, Brown, Blue, Olive	SP009
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-079	359	1120	Slight Odor; Test Pit ASB-175-ASB-0707W	Black, Brown, Blue, Olive	SP012
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-080	875	1140	Slight Odor; Test Pit ASB-175-ASB-0707W	Black, Brown, Blue, Olive	SP012
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-081	726	1160	Slight Odor; Test Pit ASB-175-ASB-0707W	Black, Brown	SP012
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-082	258	1180	Slight Odor; Test Pit ASB-175-ASB-0707W	Olive, Brown, Black	SP012
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-083	17.8	1200	Slight Odor; Test Pit ASB-175-ASB-0707W	Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-084	0.1	1210	Slight Odor	Brown, Gray	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-085	0.1	1220	Slight Odor	Brown, Gray	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-086	0.8	1230	Slight Odor	Brown, Olive, Black	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-087	0.3	1240	Slight Odor	Brown, Olive, Black	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-088	0.3	1250	Metal Debris	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-089	0.1	1260	Metal Debris	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-090	0.4	1270	Metal Debris	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-091	0.4	1280	Metal Debris	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-092	0.2	1290	Metal Debris	Black, Brown	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-093	0.3	1300	Metal Debris	Brown, Olive	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-094	0.2	1310	Metal Debris	Brown, Olive	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-095	0.1	1320	Metal Debris	Brown, Olive	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-096	0.1	1330	Metal Debris	Brown, Olive	SP011
08/11/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-097	0.2	1340	Metal Debris	Brown, Olive	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-098	0.3	1350	None Noted	Dark Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-099	0.2	1360	None Noted	Brown, Olive	SP011

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Table 2
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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-100	0.3	1370	None Noted	Brown, Olive	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-101	0.4	1380	None Noted	Brown, Olive	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-102	0.4	1390	None Noted	Brown, Olive	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-103	0.4	1400	None Noted	Brown, Olive	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-104	0.2	1410	None Noted	Brown, Gray	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-105	0.3	1420	None Noted	Brown, Gray	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-106	0.4	1430	None Noted	Brown, Black	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-107	0.4	1440	None Noted	Brown, Black	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-108	0.4	1450	None Noted	Brown, Black	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-109	0.5	1460	None Noted	Brown, Black	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-110	0.3	1470	None Noted	Brown, Black	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-111	0.2	1480	None Noted	Brown, Black	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-112	0.3	1490	None Noted	Brown, Black	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-113	0.5	1500	None Noted	Brown, Black	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-114	0.3	1510	None Noted	Brown, Black	SP004
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-115	0.5	1520	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-116	0.5	1530	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-117	0.5	1540	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-118	0.3	1550	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-119	0.4	1560	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-120	0.4	1570	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-121	0.5	1580	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-122	0.3	1590	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-123	0.5	1600	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-124	0.5	1610	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-125	0.4	1620	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-126	0.2	1630	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-127	0.5	1640	None Noted	Brown, Black	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-128	0.5	1650	None Noted	Brown	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-129	0.5	1660	None Noted	Brown Gray	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-130	0.4	1670	None Noted	Brown Gray	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-131	0.5	1680	None Noted	Light Brown	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-132	0.6	1690	None Noted	Light Brown	Berm

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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-133	0.5	1700	None Noted	Light Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-134	0.3	1710	None Noted	Light Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-135	0.6	1720	None Noted	Light Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-136	0.4	1730	None Noted	Light Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-137	0.7	1740	None Noted	Brown, Gray	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-138	0.4	1750	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-139	0.5	1760	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-140	0.3	1770	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-141	0.5	1780	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-142	0.8	1790	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-143	0.6	1800	None Noted	Brown, Gray, Metal Debris	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-144	0.5	1810	None Noted	Brown, Gray	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-145	0.4	1820	None Noted	Brown, Gray	SP005
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-146	0.6	1830	None Noted	Light Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-147	0.7	1840	None Noted	Light Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-148	0.1	1850	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-149	0.3	1860	None Noted	Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-150	0.4	1870	None Noted	Light Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-151	0.2	1880	None Noted	Light Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-152	0.4	1890	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-153	0.4	1900	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-154	0.5	1910	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-155	0.3	1920	None Noted	Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-156	0.4	1930	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-157	0.3	1940	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-158	0.4	1950	None Noted	Brown, Gray	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-159	0.4	1960	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-160	0.3	1970	None Noted	Brown	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-161	0.3	1980	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-162	0.5	1990	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-163	0.5	2000	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-164	0.4	2010	None Noted	Brown, Black	SP006
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-165	0.4	2020	None Noted	Brown, Black	SP006

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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-166	0.3	2030	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-167	0.4	2040	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-168	0.3	2050	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-169	0.3	2060	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-170	0.4	2070	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-171	0.5	2080	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-172	0.4	2090	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-173	0.3	2100	None Noted	Brown	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-174	0.2	2110	None Noted	Brown, Black, Gray	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-175	0.3	2120	None Noted	Brown, Black, Gray	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-176	0.3	2130	None Noted	Brown, Black	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-177	0.3	2140	None Noted	Brown	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-178	0.3	2150	None Noted	Brown	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-179	0.3	2160	None Noted	Brown	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-180	0.2	2170	None Noted	Brown	SP007
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-181	0.2	2180	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-182	0.3	2190	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-183	0.3	2200	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-184	0.4	2210	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-185	0.2	2220	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-186	0.2	2230	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-187	0.4	2240	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-188	0.2	2250	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-189	0.4	2260	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-190	0.3	2270	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-191	0.4	2280	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-192	0.3	2290	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-193	0.3	2300	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-194	0.4	2310	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-195	0.2	2320	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-196	0.4	2330	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-197	0.3	2340	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-198	0.3	2350	None Noted	Brown, Black, Gray	SP011

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Table 2
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Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-199	0.1	2360	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-200	0.3	2370	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-201	0.4	2380	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-202	0.4	2390	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-203	0.3	2400	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-204	0.2	2410	None Noted	Black, Tan	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-205	0.4	2420	None Noted	Black, Tan	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-206	0.4	2430	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-207	0.2	2440	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-208	0.2	2450	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-209	0.3	2460	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-210	0.3	2470	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-211	0.3	2480	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-212	0.3	2490	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-213	0.4	2500	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-214	0.3	2510	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-215	0.3	2520	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-216	0.2	2530	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-217	0.1	2540	None Noted	Black, Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-218	0.6	2550	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-219	0.1	2560	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-220	0.1	2570	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-221	0.4	2580	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-222	0.3	2590	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-223	0.2	2600	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-224	0.4	2610	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-225	0.3	2620	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-226	0.4	2630	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-227	0.5	2640	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-228	0.3	2650	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-229	0.4	2660	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-230	0.5	2670	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-231	0.4	2680	None Noted	Brown, Black, Gray	Berm

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St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-232	0.3	2690	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-233	0.4	2700	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-234	0.2	2710	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-235	0.2	2720	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-236	0.4	2730	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-237	0.3	2740	None Noted	Brown, Black, Gray	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-238	0.3	2750	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-239	0.3	2760	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-240	0.4	2770	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-241	0.3	2780	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-242	0.3	2790	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-243	0.1	2800	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-244	0.2	2810	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-245	0.2	2820	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-246	0.1	2830	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-247	0.2	2840	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-248	0.2	2850	None Noted	Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-249	0.3	2860	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-250	0.2	2870	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-251	0.3	2880	None Noted	Brown, Black, Gray	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-252	0.3	2890	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-253	0.2	2900	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-254	0.2	2910	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-255	0.2	2920	None Noted	Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-256	109.7	2930	None Noted	Brown	SP009
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-257	0.4	2940	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-258	0.2	2950	None Noted	Brown	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-259	20.6	2960	None Noted	Brown	SP009
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-260	0.2	2970	None Noted	Brown	Berm
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-261	30.9	2980	None Noted	Brown	SP009
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-262	0.1	2990	None Noted	Black, Tan	SP011
08/12/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-263	0.3	3000	None Noted	Black, Tan	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-264	0.5	3010	Glass Debris	Sand, Clay	SP011

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Table 2
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-265	0.2	3020	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-266	588.8	3045	None Noted	Sand, Silt	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-267	27.7	3070	None Noted	Sand, Silt	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-268	96.0	3080	None Noted	Sand, Silt	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-269	429.3	3105	None Noted	Sand, Silt	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-270	459.9	3130	None Noted	Sand, Silt	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-271	2.0	3140	Glass Debris	Sand, Silt	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-272	0.5	3150	None Noted	Sand	SP007
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-273	0.6	3160	None Noted	Sand	SP007
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-274	289.9	3185	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-275	202.9	3210	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-276	388.9	3235	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-277	743.2	3260	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-278	4.2	3270	Slight Odor	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast		22.9	3280	Slight Odor	Sand, Clay	
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-279	82.1	3305	None Noted	Sand, Silt	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-280	0.9	3315	Stones	Sand, Silt	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-281	217.6	3340	None Noted	Sand, Silt	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-282	0.3	3350	Stones	Sand, Silt	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-283	20.9	3360	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-284	44.9	3370	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-285	554.8	3395	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-286	559.8	3420	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-287	29.4	3430	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-288	10.1	3440	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-289	1.1	3450	None Noted	Sand, Clay	SP007
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-290	0.7	3460	None Noted	Sand, Clay	SP007
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-291	60.3	3470	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-292	356.2	3495	None Noted	Sand	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-293	10.3	3505	None Noted	Sand	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-294	10.1	3515	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-295	202.9	3540	None Noted	Sand	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-296	0.5	3550	None Noted	Sand	SP007

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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-297	0.5	3560	None Noted	Sand, Silt	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-298	388.9	3585	None Noted	Sand	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-299	2.1	3595	None Noted	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-300	0.4	3605	None Noted	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-301	311.1	3630	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-302	0.9	3640	None Noted	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-303	0.5	3650	Glass Debris	Sand, Silt	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-304	4.1	3660	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-305	0.4	3670	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-306	2.6	3680	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-307	0.6	3690	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-308	3.9	3700	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-309	0.4	3710	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-310	0.1	3720	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-311	0.3	3730	None Noted	Sand, Clay	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-312	0.4	3740	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-313	0.5	3750	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-314	0.3	3760	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-315	0.4	3770	Stones	Sand, Silt, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-316	0.4	3780	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-317	0.3	3790	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-318	0.4	3800	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-319	0.4	3810	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-320	0.2	3820	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-321	0.2	3830	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-322	0.3	3840	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-323	0.2	3850	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-324	0.2	3860	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-325	0.4	3870	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-326	0.5	3880	Stones	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-327	0.2	3890	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-328	0.2	3900	Glass Debris	Sand, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-329	0.2	3910	None Noted	Sand	Berm

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Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-330	0.5	3920	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-331	0.2	3930	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-332	1.3	3940	Stones	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-333	403.9	3965	None Noted	Sand	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-334	18.6	3975	None Noted	Sand	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-335	0.8	3985	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-336	13.9	3995	None Noted	Sand	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-337	0.6	4005	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-338	0.5	4015	None Noted	Sand	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-339	0.3	4025	None Noted	Sand, Gravel	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-340	0.3	4035	None Noted	Sand, Gravel	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-341	56.4	4045	None Noted	Sand, Gravel	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-342	3.4	4055	None Noted	Sand, Gravel	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-343	29.5	4065	None Noted	Sand, Clay	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-344	0.5	4075	None Noted	Sand, Gravel	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-345	20.4	4085	None Noted	Sand, Gravel	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-346	0.4	4095	None Noted	Sand, Gravel	Berm
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-347	109.4	4120	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-348	938.0	4145	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-349	818.5	4170	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-350	739.3	4195	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-351	853.3	4220	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-352	595.0	4245	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-353	839.4	4270	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-354	990.1	4295	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-355	1,059	4320	None Noted	Sand, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-356	0.9	4330	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-357	5.1	4340	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-358	12.3	4350	None Noted	Sand, Silt	SP009
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-359	1.3	4360	Glass Debris	Sand, Gravel	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-360	0.5	4370	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-361	0.4	4380	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-362	54.1	4390	None Noted	Sand, Glass	SP009

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-363	127.7	4415	None Noted	Sand, Clay, Glass	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-364	0.5	4425	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-365	0.2	4435	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-366	0.3	4445	Glass Debris	Sand, Clay, Glass	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-367	0.9	4455	Glass Debris	Sand, Clay, Glass	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-368	0.2	4465	Glass Debris	Sand Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-369	0.2	4475	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-370	0.3	4485	Glass Debris	Sand	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-371	0.1	4495	Glass Debris, Metal	Sand, Clay, Metal	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-372	0.2	4505	Glass Debris	Sand, Clay, Glass	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-373	0.2	4515	Glass Debris	Sand, Silt, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-374	0.2	4525	Glass Debris	Sand, Silt, Clay	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-375	179.8	4550	None Noted	Sand, Silt, Clay	SP012
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-376	0.6	4560	Glass Debris	Sand, Gravel, Glass	SP011
08/13/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-377	0.2	4570	Glass Debris	Sand, Gravel, Glass	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-378	139.2	4595	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-379	1.1	4605	Glass Debris	Sand	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-380	4.0	4615	Glass Debris	Sand	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-381	2.6	4635	Glass Debris	Sand	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-382	15.1	4645	None Noted	Sand, Clay	SP009
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-383	40.9	4655	None Noted	Sand, Clay	SP009
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-384	13.5	4675	None Noted	Sand, Clay	SP009
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-385	11.1	4685	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast		9.7	4695	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-386	15.1	4705	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-387	38.9	4715	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-388	101.9	4745	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-389	39.3	4755	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-390	18.0	4765	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-391	23.0	4775	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-392	7.3	4785	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-393	60.1	4810	Odor	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-394	55.9	4835	Odor	Sand, Clay	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-395	54.2	4860	Odor	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-396	62.0	4885	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-397	116.8	4910	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-398	21.7	4920	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-399	9.3	4930	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-400	27.6	4940	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-401	26.2	4950	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-402	2.6	4960	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-403	23.9	4970	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-404	5.6	4980	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-405	430.9	5005	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-406	159	5030	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-407	1,130	5055	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-408	5.5	5065	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-409	5.7	5075	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-410	683	5100	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-411	55.3	5125	Odor	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-412	14.3	5135	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-413	7.4	5145	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-414	127	5170	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-415	224	5195	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-416	23.7	5205	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-417	6.3	5215	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-418	31.8	5235	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-419	28.8	5245	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-420	725	5270	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-421	912	5295	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-422	13.5	5305	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-423	144	5330	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-424	3.2	5340	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-423	10.5	5350	Glass Debris; Sample ID repeated	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-424	34.1	5360	Glass Debris; Sample ID repeated	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-425	6.6	5370	Glass Debris; Sample ID repeated	Sand, Clay	SP011

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-426	695	5395	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-427	15.7	5405	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-428	4.1	5416	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-429	21.0	5425	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-430	16.3	5435	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-431	334	5460	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-432	1,000	5485	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-433	49.1	5510	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-434	23.1	5520	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-435	56.7	5545	Odor	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-436	19.3	5555	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-437	495	5585	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-438	1,800	5610	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-439	1,200	5635	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-440	1,642	5660	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-441	514	5685	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-442	1,003	5710	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-443	204	5735	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-445	4.8	5745	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-446	4.7	5755	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-447	4.9	5765	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-448	1,753	5790	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-449	134	5815	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-450	2,528	5840	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-451	315	5865	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-452	113	5890	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-453	10.8	5900	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-454	12.1	5910	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-455	221	5935	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-456	165	5960	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-457	802	5985	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-458	611	6010	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-459	742	6035	None Noted	Sand, Clay	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-460	480	6060	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-461	705	6085	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-462	105	6110	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-463	294	6135	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-464	293	6160	None Noted	Sand, Clay	SP012
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-465	17.7	6170	Glass Debris	Sand, Clay	SP011
08/14/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-466	312	6195	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-467	17.6	6205	Glass Debris	Clay	SP011
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-468	667	6230	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-469	417	6255	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-470	104	6280	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-471	1,347	6305	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-472	597	6330	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-473	99.8	6355	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-474	397	6380	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-475	70.3	6405	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-476	1,492	6430	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-477	472	6455	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-478	591	6480	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-479	475	6505	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-480	207	6530	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-481	474	6555	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-482	1,013	6580	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-483	1,057	6605	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-484	1,072	6630	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-485	1,654	6655	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-486	96.7	6680	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-487	561	6705	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-488	1,647	6730	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-489	961	6755	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-490	1,155	6780	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-491	1,514	6805	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-492	1,836	6830	None Noted	Sand, Clay	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-493	317	6855	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-494	1,092	6880	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-495	547	6905	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-496	1,828	6930	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-497	1,442	6955	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-498	1,032	6980	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-499	402	7005	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-500	537	7030	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-501	223	7055	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-502	719	7080	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-503	633	7105	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-504	603	7130	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-505	58.2	7155	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-506	81.6	7180	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-507	95.5	7205	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-508	91.7	7230	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-509	445	7255	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-510	377	7280	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-511	71.5	7305	Odor	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-512	1,883	7330	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-513	2,247	7355	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-514	2,412	7380	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-515	912	7405	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-516	2,072	7430	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-517	714	7455	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-518	912	7480	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-519	1,586	7505	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-520	2,317	7530	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-521	2,100	7555	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-522	2,142	7580	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-523	1,513	7605	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-524	2,308	7630	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-525	215	7655	None Noted	Sand, Clay	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-526	1,754	7680	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-527	1,392	7705	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-528	1,037	7730	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-529	875	7755	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-530	785	7780	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-531	400	7805	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-532	709	7830	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-533	1,054	7855	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-534	410	7880	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-535	209	7905	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-536	702	7930	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-537	1,254	7955	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-538	232	7980	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-539	1,337	8005	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-540	1,494	8030	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-541	226	8055	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-542	1,235	8080	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-543	314	8105	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-544	485	8130	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-545	515	8155	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-546	2,112	8180	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-547	1,347	8205	None Noted	Sand, Clay	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-548	799	8230	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-549	412	8255	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-550	319	8280	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-551	899	8305	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-552	341	8330	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-553	216	8355	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-554	1,056	8380	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-555	208	8405	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-556	309	8430	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-557	682	8455	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-558	237	8480	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-559	634	8505	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-560	60.5	8515	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-561	567	8540	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-562	1,132	8565	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-563	592	8590	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-564	484	8615	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-565	811	8640	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-566	107	8665	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-567	1,358	8690	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-568	817	8715	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-569	460	8740	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-570	1,492	8765	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-571	154.0	8790	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-572	234	8815	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-573	2,273	8840	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-574	2,550	8865	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-575	2,390	8890	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-576	488	8915	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-577	2,344	8940	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-578	2,318	8965	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-579	2,116	8990	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-580	2,303	9015	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-581	2,926	9040	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-582	2,436	9065	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-583	1,844	9090	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-584	2,697	9115	None Noted	None Noted	SP012
08/15/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-585	1,852	9140	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-586	1.3	9145	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-587	53.8	9155	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-588	1,020	9165	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-589	1,413	9180	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-590	2,486	9200	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-591	2,483	9220	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-592	2,009	9240	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-593	337	9260	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-594	383	9280	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-595	3,118	9300	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-596	2,202	9320	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-597	3,592	9340	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-598	839	9360	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-598	1,634	9380	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-599	2,216	9400	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-600	3,408	9420	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-601	432	9440	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-602	3,420	9460	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-603	1,534	9480	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-604	1,567	9500	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-605	900	9520	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-606	1,594	9540	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-607	1,584	9560	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-608	587	9580	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-609	101	9600	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-610	3,527	9620	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-611	3,109	9640	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-612	1,970	9660	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-613	2,132	9680	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-614	260	9700	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-615	60.8	9720	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-616	9.5	9730	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-617	3,260	9740	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-618	2.2	9760	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-619	2.7	9770	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-620	3,973	9780	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-621	3,678	9800	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-622	2,625	9820	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-623	4.7	9840	Debris	None Noted	SP011

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-624	2.5	9850	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-625	2.3	9855	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-626	3.5	9865	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-627	1.7	975	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-628	3.1	9885	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-629	2.1	9895	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-630	7.1	9905	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-631	4.0	9915	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-632	593	9925	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-633	2,296	9945	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-634	513	9965	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-635	4.6	9975	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-636	2.7	9985	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-637	2.1	9995	Debris	None Noted	SP011
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-638	0.9	10005	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-639	89.6	10015	None Noted	None Noted	SP009
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-640	4.6	10025	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-641	536	10035	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-642	2,408	10045	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-643	514	10065	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-644	2,699	10085	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-645	1,250	10105	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-646	1,516	10115	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-647	2,557	10130	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-648	1,333	10150	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-649	1,730	10170	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-650	489	10190	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-651	1,783	10210	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-652	1,257	10230	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-653	2,020	10250	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-654	1,986	10270	Strong Odor	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-655	2,293	10290	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-656	1,386	10310	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-657	1,862	10330	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-658	1,421	10350	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-659	1,936	10370	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-660	1,806	10390	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-661	740	10410	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-662	1,185	10430	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-663	1,486	10450	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-664	543	10470	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-665	2,442	10490	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-666	1,163	10510	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-667	830	10530	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-668	761	10550	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-669	2,830	10570	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-670	2,896	10590	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-671	585	10610	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-672	402	10630	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-673	2,037	10650	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-674	361	10670	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-675	2,578	10690	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-676	931	10710	None Noted	None Noted	SP012
08/18/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-677	822	10730	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-678	210	10750	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-679	1,123	10770	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-680	3,088	10790	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-681	201	10810	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-682	1,171	10830	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-683	311	10850	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-684	2,134	10870	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-685	3,878	10890	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-686	1,657	10910	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-687	1,925	10930	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-688	397	10950	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-689	492	10970	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-690	386	10990	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-691	236	11010	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-692	4,402	11030	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-693	387	11050	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-694	2,546	11070	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-695	1,973	11090	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-696	602	11110	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-697	410	11130	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-698	682	11150	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-699	13.1	11170	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-700	113	11180	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-701	279	11200	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-702	349.0	11220	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-703	3,623	11240	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-704	2,730	11260	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-705	3,172	11280	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-706	3,550	11300	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-707	2,967	11320	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-708	3,355	11340	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-709	2,999	11360	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-710	3,696	11380	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-711	3,099	11400	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-712	4,195	11420	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-713	4,098	11440	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-714	3,988	11460	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-715	2,441	11480	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-716	3,172	11500	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-717	2,490	11520	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-718	3,270	11540	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-719	1,676	11560	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-720	2,242	11580	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-721	176	11600	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-722	1,555	11620	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-723	1,792	11640	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-724	458	11660	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-725	965	11680	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-726	536	11700	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-727	766	11720	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-728	417	11740	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-729	429	11760	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-730	308	11780	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-731	401	11800	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-732	430	11820	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-733	3,099	11840	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-734	267	11860	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-735	3,513	11880	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-736	1,506	11900	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-737	1,116	11920	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-738	1,132	11940	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-739	1,650	11960	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-740	232	11980	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-741	468	12000	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-742	52.8	12020	None Noted	None Noted	SP009
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-743	81.7	12030	None Noted	None Noted	SP009
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-744	5.7	12040	None Noted	None Noted	SP009
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-745	12.8	12050	None Noted	None Noted	SP009
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-746	1,449	12060	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-747	546	12080	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-748	493	12100	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-749	653	12120	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-750	2,007	12140	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-751	1,834	12160	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-752	1,762	12180	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-753	1,882	12200	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-754	1,409	12220	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-755	1,962	12240	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-756	2,064	12260	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-757	2,007	12280	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-758	1,849	12300	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-759	2,151	12320	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-760	1,807	12340	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-761	2,362	12360	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-762	2,007	12380	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-763	2,650	12400	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-764	1,537	12420	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-765	1,244	12440	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-766	2,592	12460	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-767	1,382	12480	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-768	1,969	12500	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-769	1,197	12520	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-770	1,729	12540	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-771	1,111	12560	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-772	918	12580	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-773	985	12600	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-774	924	12620	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-775	1,998	12640	None Noted	None Noted	SP012
08/19/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-776	797	12660	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-777	16.7	12670	None Noted	None Noted	SP009
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-778	9.8	12680	None Noted	None Noted	SP009
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-779	32.5	12690	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-780	6.2	12700	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-781	10.5	12710	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-782	0.0	12720	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-783	10.1	12730	None Noted	None Noted	SP009
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-784	151	12750	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-785	6.5	12760	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-786	1.2	12770	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-787	4.6	12780	None Noted	None Noted	SP009
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-788	10.7	12790	None Noted	None Noted	SP009

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-789	16.7	12800	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-790	67.3	12810	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-791	32.6	12820	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-792	49.7	12830	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-793	329	12850	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-794	1,804	12870	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-795	604	12890	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-796	1,933	12910	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-797	1,476	12930	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-798	1,513	12950	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-799	688	12970	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-800	534	12990	None Noted	None Noted	SP012
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-801	16.3	13000	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-802	19.7	13010	Glass Debris	None Noted	SP011
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-803	17.5	13020	None Noted	None Noted	SP009
08/20/2014	Temporary Sediment Retention Pond - Northeast	TSRP-NE-804	1,304	13040	None Noted	None Noted	SP012

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Table 2
Summary of Excavated Soil Screening Results – Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Total Volume Removed (CY)	Notes/Observations	Color/Type	Stockpile ID
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Acronyms and Abbreviations:

CY cubic yards
 NE northeast
 PID photoionization detector
 ppm parts per million
 SP stockpile
 TSRP temporary sediment retention pond

Table 3
Summary of Sidewall Screening Results - Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Notes/Observations	Color/Type
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_104_a0	0.2	No Odor	Brown Sand
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_104_E9	0.1	No Odor	Brown Sand
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_104_E18	0.2	Odor (Organic)	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_104_E27	0.2	No Odor	Tan
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_105_a0	0.4	No Odor	Brown and Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_105_E9	0.0	No Odor	Brown
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_105_E18	0.0	No Odor	Olive and Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_105_E27	0.0	No Odor	Olive and Gray
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_106_a0	0.1	No Odor	Brown
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_106_E9	0.0	No Odor	Olive and Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_106_E18	0.1	No Odor	Brown and Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_106_E27	0.4	No Odor	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_a0	0.1	No Odor	Brown
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_E9	0.1	No Odor	Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_E18	0.2	No Odor	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_E27	385.4	Odor (Petroleum-like)	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_E27a	17.4	Slight Odor (Petroleum-like)	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_107_E27b	1029	Strong Odor (Petroleum-like)	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_108_a0	0.1	No Odor	Brown
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_108_E9	0.1	No Odor	Olive and Gray
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_108_E18	0.1	No Odor	Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_108_E27	14.2	Slight Odor (Petroleum-like)	Black
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_109_a0	0.0	No Odor	Black and Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_109_E9	0.6	No Odor	Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_109_E18	0.0	No Odor	Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_109_E27	174.1	Odor (Petroleum-like)	Black and Olive
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_109_E35	840.9	Odor (Petroleum-like)	Tan and Gray (wet, sheen)
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_110_SE0	0.1	No Odor	Brown (Sand)
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_110_SE9	0.1	No Odor	Brown, Trace Dark Greenish Gray
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_110_SE18	0.3	No Odor	Dark Greenish Gray (Clay)
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_110_SE25	0.2	No Odor	Brown (Sand) and Dark Greenish Gray (Clay)
08/20/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_111_a0	122.8	Odor (Solvent-like)	Brown, with wood pieces (odor source)
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_111_N0	6.4	No Odor	Dark Greenish Gray and Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_111_S9	1.9	No Odor	Dark Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_111_S18	0.3	No Odor	Dark Greenish Gray, Olive, and Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_111_S21	0.3	No Odor	Very Dark Gray

Notes and Abbreviations on Page 4.

Table 3
Summary of Sidewall Screening Results - Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Notes/Observations	Color/Type
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_112_a0	13.4	No Odor	Grayish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_112_S9	0.3	No Odor	Yellowish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_112_S18	0.4	No Odor	Very Dark Gray, Black, Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_112_S21	0.3	No Odor	Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_113_a0	0.9	No Odor	Grayish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_113_S9	0.3	No Odor	Light Grayish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_113_S18	809.4	Odor (Petroleum-like)	Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_113_S20	0.5	No Odor	Yellowish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_114_a0	0.9	No Odor	Light Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_114_S9	1.1	No Odor	Dark Greenish Gray and Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_114_S18	308.7	Odor (Petroleum-like)	Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_115_a0	0.4	No Odor	Light Yellowish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_115_S9	29.2	Slight Odor (Petroleum-like)	Black, Dark Gray, Dark Greenish Gray (slight)
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_115_S18	25.6	Slight Odor (Petroleum-like)	Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_115_S20	2.6	No Odor	Dark Greenish Gray and Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_116_a0	1.5	No Odor	Light Yellowish Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_116_S9	1222	Odor (Petroleum-like)	Dark Greenish Gray, Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_116_S18	979.6	Odor (Petroleum-like)	Dark Gray with Dark Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_116_S21	266.4	Odor (Petroleum-like)	Dark Greenish Gray and Olive
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_117_a0	1.1	No Odor	Black, Trace Dark Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_117_S9	24.9	Odor (Sweet-like)	Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_117_S18	20.2	Odor (Organic)	Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_117_S21	39.9	Slight Odor (Petroleum-like)	Dark Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_118_a0	0.6	No Odor	Light Brown
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_118_S9	2.6	No Odor	Greenish Gray
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_118_S18	5.4	No Odor	Black
08/21/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_118_S21	8.3	No Odor	Olive, Greenish Gray
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_119_a0	0.1	No Odor	Black, Brown, Greenish Gray (Sand and little Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_119_SW9	45.9	Odor (Solvent-like)	Very Dark Gray, Black (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_119_SW18	2.4	No Odor	Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_120_a0	73.5	No Odor	Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_120_W9	30.2	Odor (Sweet-like)	Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_120_W18	252.3	Odor (Sweet-like)	Very Dark Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_120_W25	270.2	Odor (Solvent-like)	Very Dark Gray, Greenish Gray, Olive, white (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_121_a0	42.2	No Odor	Light Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_121_W9	40.6	Odor (Solvent-like)	Greenish Gray (Clay)

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Table 3
Summary of Sidewall Screening Results - Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Notes/Observations	Color/Type
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_121_W18	219.4	Odor (Petroleum-like)	Very Dark Gray, Dark Greenish Gray, Olive (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_121_W25	66.2	Odor (Petroleum-like)	Very Dark Gray, Very Dark Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_122_a0	246.7	Odor (Solvent-like)	Very Dark Gray (Sand); Dark Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_122_W9	159.9	Odor (Solvent-like)	Dark Gray/Black (Sand), Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_122_W18	789.5	Strong Odor (Petroleum-like)	Very Dark Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_122_W25	54.5	Odor (Sweet-like)	Very Dark Gray, Olive, Trace Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_123_a0	1	Odor (Organic)	Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_123_N9	125.5	Odor (Solvent-like)	Very Dark Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_123_N18	217.4	None Noted	Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_123_N27	697.4	Strong Odor (Petroleum-like)	Very Dark Gray, Dark Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_124_a0	0.1	No Odor	Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_124_N9	1.2	No Odor	Dark Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_124_N18	1	Odor (Organic)	Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_124_N26	616.1	Strong Odor (Petroleum-like)	Very Dark Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_125_a0	0.2	No Odor	Grayish Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_125_N9	0.8	No Odor	Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_125_N18	31.8	Slight Odor (Petroleum-like)	Dark Gray, Black, Olive (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_125_N26	1224	Strong Odor (Petroleum-like)	Very Dark Gray, Very Dark Greenish Gray (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_126_a0	0.0	Odor (Organic)	Grayish Brown (Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_126_N9	0.3	None Noted	Dark Greenish Gray, Grayish Brown (Clay and Sand)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_126_N18	0.0	None Noted	Greenish Gray, Trace Olive (Clay)
08/22/2015	Temporary Sediment Retention Pond - Northeast	MAB_1_126_N26	837.1	Strong Odor (Petroleum-like)	Very Dark Gray and Black (Sandy Clay)

Notes and Abbreviations on Page 4.

Table 3
Summary of Sidewall Screening Results - Northeast Retention Pond
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Date	Location	Screening Sample ID	PID (ppm)	Notes/Observations	Color/Type
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General Notes:

Nomenclature for locations MAB_1_124 through MAB_1_126. Note lateral distance of screening sample along sidewall slope.

Acronyms and Abbreviations:

- a0 initial location
- E stepout to east
- MAB Main Assembly Building
- N stepout to north
- PID photoionization detector
- ppm parts per million
- S stepout to south
- SE stepout to southeast
- SW stepout to southwest
- W stepout to west

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
NI 01	--	0-10 PPM	MAB - Interior Footings	Northeast MAB	70	2	--	--	- Destination pending; currently stockpiled on-Site
NI 02	MAB-LCL-1	0-10 PPM	MAB - LCL Dock (Bays P8-Q14)	Northeast MAB	80	2	06/25/2015	On-Site Residential	- Destination pending; currently stockpiled on-Site
NI 03	MAB-LCL-2	0-10 PPM	MAB - LCL Dock (Bays P8-Q14)	Northeast MAB	100	2	06/25/2015	On-Site Residential	- Destination pending; currently stockpiled on-Site
	06/25/2015								
NI 04	--	0-10 PPM	MAB - Foundation Wall (Interior) - East Central	Northeast MAB	100	2	--	--	- Destination pending; currently stockpiled on-Site
NI 05	--	0-10 PPM	MAB - Foundation Wall (Interior) - East Central	Northeast MAB	80	2	--	--	- Destination pending; currently stockpiled on-Site
NI 06	--	0-10 PPM	MAB - Foundation Wall (Interior) - East Central	Northeast MAB	100	2	--	--	- Destination pending; currently stockpiled on-Site
NI 07	--	0-10 PPM	MAB - Sand Elevator (L20)	Central MAB	120	2	--	--	- Destination pending; currently stockpiled on-Site
NI 08	--	0-10 PPM	MAB - Sand Elevator (L20)	Central MAB	120	2	--	--	- Destination pending; currently stockpiled on-Site
NI 09	--	0-10 PPM	Feature 47 (Former Coal Operations)	Central MAB	60	2	--	--	- Destination pending; currently stockpiled on-Site
NI 10	--	0-10 PPM	Feature 47 (Former Coal Operations)	Central MAB	10	1	--	--	- Destination pending; currently stockpiled on-Site
NI 11	--	0-10 PPM	Feature 47 (Former Coal Operations)	Central MAB	10	1	--	--	- Destination pending; currently stockpiled on-Site
NI 12	--	0-10 PPM	Feature 47 (Former Coal Operations)	Central MAB	200	2	--	--	- Destination pending; currently stockpiled on-Site
NI 13	--	0-10 PPM	MAB - Second Slab - East (Bays G34-P41)	South MAB	200	2	--	--	- Destination pending; currently stockpiled on-Site
NI 14	--	0-10 PPM	MAB - Second Slab - East (Bays G34-P41)	South MAB	120	2	--	--	- Destination pending; currently stockpiled on-Site
NI 18	--	0-10 PPM	MAB - DI Water Pit (Bay L13)	East MAB	270	2	--	--	- Destination pending; currently stockpiled on-Site
NI 19	--	0-10 PPM	MAB - Plaster Pit (Bay M15)	East MAB	220	2	--	--	- Destination pending; currently stockpiled on-Site
NI 20	--	0-10 PPM	Feature 10 (Former Hazardous Waste Storage Area)	Southeast MAB	60	2	--	--	- Destination pending; currently stockpiled on-Site
NI 21	--	0-10 PPM	Feature 100 (Former Dell Park Pit) - Prime Booth Sludge Pit (Bays M6-M7) - Interior	Northeast MAB	1120	4	--	--	- Approximately 10 CY used to hold down poly on SP129
NI 22	--	0-10 PPM	MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35)	South MAB	250	2	--	--	- Approximately 5 CY used to make berm to hold back water from another excavation
Solvent UST	SP-1	10-50PPM	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)	Northwest of Former UST Solvent	20	1	08/06/2013	off-Site	- Disposed of off-site via Bolander/MPS on 01/06/2015
	IDW-SUST1	100+PPM		West-Southwest of Former UST Solvent	160	2	08/06/2013	off-Site	- Disposed of off-site via Bolander/MPS on 01/20/2015
	IDW-SUST2	100+PPM		Southeast of Former UST Solvent	550	3	08/06/2014	On-Site Residential	- Entire stockpile used in final lift of backfill for pits/trenches of PB sloping into sludge pits (04/16/2015)
	A01	0-10 PPM					08/06/2014		
A02	08/06/2014								
A03	08/06/2014								
SP001	A04	0-10 PPM	Temporary Sediment Retention Pond - Southwest	Upper Bowl	8000	8	08/11/2014	On-Site Residential	- Entire Stockpile Used: - Approximately 2060 cubic yards used for backfill of sludge pits (north/east/south slope) - Approximately 120 cubic yards used for backfill of ASRS (in combination with excavated material; 02/09/2015) - Approximately 1540 cubic yards used for backfill of ASRS (in combination with excavated material; 02/10/2015) - Approximately 1800 cubic yards used for backfill of ASRS (in combination with excavated material; 02/11/2015) - Approximately 780 cubic yards used for backfill of Work Pit #3 (south of Steam Tunnel); Work Pit #2 & Conveyor Pit #71 (C35/D35) (02/12/2015) - Approximately 1480 cubic yards used for backfill of Work Pit #3 (south of Steam Tunnel) and Work Pit #2 (02/13/2015)
	A05						08/11/2014		
	A06						08/11/2014		
	A07						08/11/2014		
	A08						08/11/2014		
	A09						08/11/2014		
	A10						08/11/2014		
A11	08/11/2014								
SP002	A1	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	1 per MPCA (07/26/2014)	08/25/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for sludge pits (north/east slope)
SP003	A1	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	1 per MPCA (07/26/2014)	08/25/2014	On-Site Residential	- Entire stockpile used in 3rd - 1 ft lift of backfill for sludge pits (north/east slope)
SP004	A1	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	1 per MPCA (07/26/2014)	08/26/2014	On-Site Residential	- Entire stockpile used in 4th - 1 ft lift of backfill for sludge pits (north/east slope)
SP005	A1	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	1 per MPCA (07/26/2014)	08/25/2014	off-Site	- SP005 disposed of off-Site via Bolander/MPS on 01/14/2015
SP006	A1	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	1 per MPCA (07/26/2014)	08/26/2014	On-Site Residential	- Entire stockpile used in 1st - 1 ft lift of backfill for sludge pits (north/east slope)
SP007	NA	0-10 PPM	Temporary Sediment Retention Pond - Northeast	Upper Bowl	200	Not Applicable	Not Applicable	Not Applicable	- Entire stockpile Northeast Pond (East Bank)
SP008	B01	10-100 PPM	Temporary Sediment Retention Pond - Southwest	Lower Bowl	45	1	08/11/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/30/2015
	B02						08/11/2014		
SP009	B003	10-100 PPM	Temporary Sediment Retention Pond - Northeast	Lower Bowl	840	3	08/18/2014	off-Site	- SP009 disposed of off-Site via Bolander/MPS on 12/09/2014
	A1						08/26/2014		
	A2						08/26/2014		

Abbreviations on Page 7.

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
SP010	C001	100+ PPM	Temporary Sediment Retention Pond - Southwest	Lower Bowl	10	1	08/13/2014	off-Site	- SP010 disposed of off-Site via Bolander/MPS on 12/09/2014
SP011	01	0-100PPM DEBRIS	Temporary Sediment Retention Pond - Northeast	Lower Bowl	2240	3	09/17/2014	off-Site	- SP011_1 disposed of off-Site via Bolander/MPS on 01/12/2015 - SP011_2 disposed of off-Site via Bolander/MPS on 01/12/2015
	02								
	03								
SP012	C002_1	100+ PPM	Temporary Sediment Retention Pond - Northeast	Lower Bowl	8700	7	08/18/2014	off-Site	- SP012_A disposed of off-Site via Bolander/MPS on 01/19/2015 - SP012_B disposed of off-Site via Bolander/MPS on 01/19-20/2015 - SP012_C disposed of off-Site via Bolander/MPS on 01/21-22/2015 - SP012_D disposed of off-Site via Bolander/MPS on 01/08/2015 - SP012_E disposed of off-Site via Bolander/MPS on 12/29/2014 - SP012_F disposed of off-Site via Bolander/MPS on 12/29/2014 - SP012_G disposed of off-Site via Bolander/MPS on 12/31/2014 - SP012_H disposed of off-Site via Bolander/MPS on 01/09/2015 - SP012_I disposed of off-Site via Bolander/MPS on 01/09/2015
	C002_2								
	A1								
	02								
	A3								
	A4								
	A5								
SP13	01	0-10 PPM	Paint Building	Paint Building	500	2	09/26/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - central fan farm tunnel
	02								
SP14	01	0-10 PPM	Paint Building	Paint Building	500	2	09/26/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - east end of fan farm tunnel
	02								
SP15	01	0-10 PPM	Paint Building	Paint Building	500	2	09/26/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - east end of fan farm tunnel
	02								
SP16	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 7th - 1 ft lift of backfill for fan farm/filter house
	02								
SP17	01	0-10 PPM	Paint Building	Paint Building	500	2	09/26/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/26/2015
	02								
SP18	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 6th - 1 ft lift of backfill for fan farm/filter house
	02								
SP19	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 4th - 1 ft lift of backfill for fan farm/filter house
	02								
SP20	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 4th - 1 ft lift of backfill for fan farm/filter house
	02								
SP21	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 4th - 1 ft lift of backfill for fan farm/filter house
	02								
SP22	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used in 5th - 1 ft lift of backfill for fan farm/filter house
	02								
SP23	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - tutone paint booth
	02								
SP24	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - south and central fan farm tunnel
	02								
SP25	01	0-10 PPM	Paint Building	Paint Building	500	2	09/29/2014	On-Site Residential	- Half stockpile used for backfill of paint building - south and central fan farm tunnel - Half stockpile used for backfill of paint building - north fan farm tunnel
	02								
SP26	01	0-10 PPM	Paint Building	Paint Building	500	2	10/07/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - north and central fan farm tunnel
	02								
SP27	01	0-10 PPM	Paint Building	Paint Building	500	2	10/07/2014	On-Site Residential	
	02								
SP28	01	0-10 PPM	Paint Building	Paint Building	500	2	10/07/2014	On-Site Residential	- Approximately 140 CY utilized for liner berm at northeast temporary sediment retention pond - Approximately 30 CY utilized for concrete crusher ramp - Approximately 5 CY for concrete pile ramp - Approximately 5 CY for access road down slope to scale
	02								
SP29	01	0-10 PPM	Paint Building	Paint Building	500	2	10/07/2014	On-Site Residential	- Entire stockpile used in 8th - 1 ft lift of backfill for fan farm/filter house
	02								
SP30	01	0-10 PPM	Paint Building	Paint Building	500	2	10/07/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/26/2015
	02								
SP31	01	0-10 PPM	Paint Building	Paint Building	500	2	10/14/2014	On-Site Residential	
	02								
SP32	01	0-10 PPM	Paint Building - Urethane Booth Pit	Paint Building	500	2	10/14/2014	On-Site Residential	- Entire stockpile used in 9th - 1 ft lift of backfill for fan farm/filter house
	02								
SP33	01	0-10 PPM	Paint Building - Urethane Booth Pit	Paint Building	500	2	10/15/2014	On-Site Residential	- Entire stockpile used for backfill of paint building - north and central fan farm tunnel
	02								
SP34	01	0-10 PPM	Paint Building - Urethane Booth Pit	Paint Building	500	2	10/15/2014	On-Site Residential	- Entire stockpile used in 5th - 1 ft lift of backfill for fan farm/filter house
	02								

Abbreviations on Page 7.

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
SP35	01	0-10 PPM	Paint Building	Paint Building	500	2	10/15/2014	On-Site Residential	- Entire stockpile used in 3rd - 1 ft lift of backfill for fan farm/filter house
	10/15/2014								
SP36	01	0-10 PPM	Paint Building	Paint Building	500	2	10/15/2014	On-Site Residential	- Half stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house - 2nd half of stockpile used for 3rd lift of backfill for fan farm/filter house
	10/15/2014								
SP37	01	0-10 PPM	Paint Building	Paint Building	500	2	10/15/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house
	10/15/2014								
SP38	01	0-10 PPM	Paint Building	Paint Building	500	2	10/22/2014	On-Site Residential	
	10/22/2014								
SP39	01	0-10 PPM	Fan Farm/Paint Building	Paint Building	500	2	10/23/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house
	10/23/2014								
SP40	01	0-10 PPM	Fan Farm/Paint Building	Paint Building	500	2	10/23/2014	On-Site Residential	
	10/23/2014								
SP41	01	0-10 PPM	Fan Farm/Paint Building	Paint Building	500	2	10/23/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house
	10/23/2014								
SP42	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/24/2014	On-Site Residential	
	10/24/2014								
SP43	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/24/2014	On-Site Residential	
	10/24/2014								
SP44	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/23/2014	On-Site Residential	
	10/23/2014								
SP45	01	10-100 PPM	Paint Building - Enamel Booth Pit	Lower Bowl	40	1	10/23/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/30/2015
SP46	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/24/2014	On-Site Residential	
	10/24/2014								
SP47	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/27/2014	On-Site Residential	- Entire stockpile used in 9th - 1 ft lift of backfill for fan farm/filter house
	10/27/2014								
SP48	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/27/2014	On-Site Residential	- Entire stockpile used in 9th - 1 ft lift of backfill for fan farm/filter house
	10/27/2014								
SP49	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/27/2014	On-Site Residential	- Entire stockpile used in backfill of excavation pits in north Paint Building
	10/27/2014								
SP50	01	0-10 PPM	Paint Building - Enamel Booth Pit	Paint Building	500	2	10/27/2014	On-Site Residential	- Entire stockpile used in backfill of excavation pits in north Paint Building
	10/27/2014								
SP51	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in backfill of excavation pits in north Paint Building
	11/07/2014								
SP52	01	10-100 PPM	Warehouse - Utilities (Storm/Sanitary)	Lower Bowl	30	1	11/07/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/30/2015
SP53	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 1st-1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP54	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 1st-1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP55	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 1st-1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP56	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 1st-1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP57	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Half stockpile used in 1st-1 ft lift of backfill for fan farm/filter house - 2nd half of stockpile used for 2nd lift of backfill for fan farm/filter house
	11/07/2014								
SP58	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP59	01	0-10 PPM	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	Paint Building	500	2	11/07/2014	On-Site Residential	- Entire stockpile used in 2nd - 1 ft lift of backfill for fan farm/filter house
	11/07/2014								
SP60	01	0-10 PPM	Urethane Booth Exhaust Tunnel/ Tutone Booth Exhaust Tunnel	Paint Building	200	2	11/18/2014	On-Site Residential	- Approximately 1.5 CY used for roads; - Approximately 12 CY for poly at SP011; - Approximately 60 CY for poly at SP012; - Remaining soil used in 2nd -1ft lift of fan farm/filter house
	11/18/2014								
SP61	01	0-10 PPM	Paint Building - Tutone Spray Booth	Paint Building	1300	4	11/12/2014	On-Site Residential	- Entire stockpile placed back within tutone spray booth excavation
	02								
	03								
	04								
SP62	01	0-10 PPM	Paint Building - Tutone Spray Booth	Paint Building	500	2	11/12/2014	On-Site Residential	- Entire stockpile placed back within tutone spray booth excavation
	02								

Abbreviations on Page 7.

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
SP63	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 7th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP64	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 8th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP65	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 8th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP66	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 6th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP67	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 6th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP68	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 6th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP69	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 6th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP70	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 7th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP71	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/17/2014	On-Site Residential	- Entire stockpile used in 5th - 1 ft lift of backfill for fan farm/filter house
	11/17/2014								
SP72	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/18/2014	On-Site Residential	- Entire stockpile used in 9th - 1 ft lift of backfill for fan farm/filter house
	11/18/2014								
SP73	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/18/2014	On-Site Residential	- Entire stockpile used in 9th - 1 ft lift of backfill for fan farm/filter house
	11/18/2014								
SP74	01	0-10 PPM	Feature 121 - Sludge Pits	Paint Building	500	2	11/18/2014	On-Site Residential	- Entire stockpile used in 8th - 1 ft lift of backfill for fan farm/filter house
	11/18/2014								
SP75	01	100+ PPM	Feature 121 - Sludge Pits (North/East Wall)	Paint Building	25	1	11/24/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/30/2015
SP76	01	10-100 PPM	Feature 121 - Sludge Pits (North/East Wall)	Paint Building	40	1	11/24/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/30/2015
SP77	01	0-10 PPM	Paint Building - Fan Farm Foundation (South)	Paint Building	500	2	11/25/2014	On-Site Residential	- Entire stockpile used in 3rd - 1 ft lift of backfill for fan farm/filter house
	11/25/2014								
SP78	01	0-10 PPM	Paint Building - Fan Farm Foundation (South)	Paint Building	300	2	11/25/2014	On-Site Residential	- Entire stockpile used in 3rd - 1 ft lift of backfill for fan farm/filter house
	11/25/2014								
SP79	01	0-10 PPM	Paint Building - Oil Trap Tank Removal (Northwest)	Paint Building	5	1	11/25/2014	On-Site Residential	- Disposed of off-Site via Bolander/MPS with oil trap tank
SP80	01	0-10 PPM	Paint Building - Fan Farm Foundation (South)	Paint Building	490	2	11/26/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 03/26/2015 - 03/27/2015
	11/26/2014								
SP81	01	0-10 PPM	Paint Building - Fan Farm Foundation (South)	Paint Building	350	2	11/26/2014	On-Site Residential	- Entire stockpile used in 3rd - 1 ft lift of backfill for fan farm/filter house
	11/26/2014								
SP82	01	0-10 PPM	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits	Paint Building	560	3	12/05/2014	off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016 - 02/18/2016
	02								
	03								
SP83	01	100+ PPM	MAB - Foundation Wall (South)	Lower Bowl	40	1	01/23/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/22/2016
SP84	01	100+ PPM	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)	Lower Bowl	80	2	02/03/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/22/2016
	02								
SP85	01	100+ PPM Debris	MAB - Tritone Sludge System (Bays C9-C10) - Interior	Lower Bowl	460	2	03/18/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 12/03/2015
	02								
SP86	MAB-TRENCH-29	10-100 PPM	MAB - Utilities (Northwest)	MAB	10	1	03/26/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
	MAB-TRENCH-31								
	MAB-TRENCH-37								
SP87	MAB-TRENCH-18	10-100 PPM; 100+ PPM	MAB - Utilities (Central)	MAB	80	2	03/26/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/23/2016
SP88	MAB-J24-Base	10-100 PPM; 100+ PPM	MAB - Cable Vault (Bays F5-G5)	MAB	50	1	03/31/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP89	MAB-P18	100+ PPM	MAB - Interior Footings	MAB	30	1	03/27/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/22/2016
	MAB-P18-Base								
SP90	MAB-LD-Base5	100+ PPM	MAB - LCL Dock (Bays P8-Q14)	MAB	30	1	03/27/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP91	MAB-SWP-79	10-100 PPM	MAB - Utilities (West)	MAB	55	2	04/02/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016

Abbreviations on Page 7.

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
SP92	MAB-E35-Trench-Base SP092_01	10-100 PPM; 100+ PPM	MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)	MAB	10	1	04/07/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP93	MAB-NEFW-18	10-100 PPM	MAB - Foundation Wall (Northeast)	MAB	30	1	04/03/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/23/2016
SP94	MAB-NEIW-1	100+ PPM	MAB - Foundation Wall (Interior) - (Northeast)	MAB	30	1	04/06/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/23/2016
SP95	MAB-CPT-Base	10-100 PPM	Feature 70 (Containment Pit) - North Central (Bays N14-P15)	MAB	10	1	04/09/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP96	MAB-TFT-Base(MAB-EXFW-14)	10-100 PPM; 100+ PPM	MAB - Tank Farm Trench	MAB	20	1	04/14/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP97	(MAB-ESB-SW-E-B)	10-100 PPM	MAB - Small Parts Enamel Sludge Pit	MAB	90	2	04/17/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP98	MAB-PAINTOP	10-100 PPM; 100+ PPM	Feature 104 (Former Paint Operations)	MAB	10	1	04/10/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP99	MAB-EXFW-SW-1	0-10 PPM	MAB - Exterior Foundation Wall (East)	MAB	40	1	04/09/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP100	--	10-100 PPM	MAB - Tritone Sludge System (Bays C9-C10) + Interior	MAB	40	1	--	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP101	MAB-Glass-Pit-01	10-100 PPM	Feature 80 (Glass Basement) - Pit	MAB	5	1	04/27/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP102	MAB-SWP-SW3 MAB-SWP-PILE	0-10 PPM	MAB - Utilities	MAB	40	1	04/14/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP103	(PB-FTN-Ebase)	10-100 PPM; 100+ PPM	Paint Building - Foundation Footings	Paint Building	3000	5	04/16/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016
SP104					25	1		off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016
SP105					15	1		off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016
SP106					15	1		off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016
SP107					5	1		off-Site	- Disposed of off-Site via Bolander/MPS on 02/17/2016
SP108	PB-AG29-Base-01	0-10 PPM	Paint Building - Footing	Paint Building	10	1	04/24/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP109					10	1	04/24/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP110	(MAB-INFW-63)	10-100 PPM	MAB - Foundation Wall (Interior) - East Central	MAB	20	1	--	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP111					10	1	--	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP112	MAB-Glass-56	10-100 PPM	Feature 80 (Glass Basement) / Feature 60 (Former Railroad Spur)	MAB	40	1	04/27/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP113	MAB-L32-NESW	100+ PPM	MAB - Utilities	MAB	40	1	04/13/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP114	MAB-MWL-203	10-100 PPM	MAB - Utilities (East)	Access Road (East of MAB)	25	1	04/17/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP115	(MAB-MWL-216)	10-100 PPM	MAB - Utilities (East)	Access Road (East of MAB)	25	1	--	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP116	OTUNNEL_Base_15	100+ PPM	MAB - Oil House Tunnel	MAB	310	2	05/01/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
	OTUNNEL_Base_02						05/05/2015		
	OTUNNEL_Base_08						05/05/2015		
	OTUNNEL_Base_11						05/05/2015		
	OTUNNEL_Base_22						05/05/2015		
	OTUNNEL_SW_16						05/05/2015		
	OTUNNEL_SW_26						05/05/2015		
	OTUNNEL_SW_33						05/05/2015		
SP117	NEWP-SW-1	100+ PPM	MAB - Utilities (Northeast) - (Fire Line)	MAB	50	1	04/30/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/23/2016
--	CAFE_N_1 CAFE_N_2	0-10 PPM	MAB - Cafeteria / Feature 54 (Substation [Basement])	MAB	390	2	05/01/2015 05/01/2015	On-Site Residential	- Entire stockpile used to backfill top 2 feet for Feature 80 (Glass Basement)

Abbreviations on Page 7.

Table 4
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
--	CAFE_W_1	0-10 PPM	MAB - Cafeteria / Feature 54 (Substation [Basement])	MAB	560	3	05/01/2015	On-Site Residential	- Approximately 100 cubic yards placed in Feature 59 (Railroad Spurs) - Remaining stockpile destination pending
	05/01/2015								
	05/06/2015								
SP118	MAB-M28	10-100 PPM; 100+ PPM	MAB - Unidentified Pit	MAB	120	2	05/07/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
	SP118_01								
	SP118_02								
SP119	(AMEC)	DEBRIS	Feature 4 - Former Area of Impacted Soil - Leak #10700 (Training Center) - Interior Foundation	Lower Bowl	440	2	(AMEC)	off-Site	- Disposed of off-Site via Bolander/MPS on 02/22/2016
SP120	MAB-PR-NWBase	10-100 PPM	MAB - Pump Room (Bays F25-G27) - North MAB - Pump Room (Bays F25-G27) - West	MAB	40	1	06/04/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
SP121	MAB-PR-NEBase	10-100 PPM	MAB - Pump Room (Bays F25-G27) - East	MAB	46	1	06/04/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP122	--	10-100 PPM	MAB - Steam Tunnel (Bays AA27-N27)	MAB	30	1	--	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP123	MAB-STUNNEL-1082	10-100 PPM	MAB - Steam Tunnel (Bays AA27-N27) Feature 47 (Former Coal Operations)	MAB	30	1	05/06/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/19/2016
	HOPPER_SW-3						05/28/2015		
SP124	MAB-HOPPER-N-1-T	10-100 PPM	Feature 47 (Former Coal Operations)	MAB	130	2	06/26/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/18/2016
SP125	MAB-SE-SW-4	10-100 PPM	MAB - Sand Elevator (L20)	MAB	16	1	07/01/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 02/24/2016
SP126	MAB-DIW-SW-E	10-100 PPM	MAB - DI Water Pit (Bay L13)	MAB	40	1	08/27/2015	off-Site	- Off-Site disposal pending
SP127	MAB-PP-Base1	0-10 PPM	MAB - Plaster Pit (Bay M15)	MAB	10	1	08/27/2015	On-Site Residential	- Destination pending; currently stockpiled on-Site
	SP127								
SP128	MAB-2pits-SW1	0-10 PPM	MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35)	MAB	80	2	08/27/2015	off-Site	- Disposed of off-Site via Bolander/MPS on 09/28/2015
	(AMEC)	10-100 PPM	MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35) - East Pit (Interior)				(AMEC)		

Abbreviations on Page 7.

Table 4
Summary of Stockpile Reuse and Placement
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Stockpile ID	Sample Name	Field Category	Original Excavation Location	Placement (onsite staging)	Stockpile Size (CY)	Required Number of Samples	Sample Date	Soil Category (based on analytical)	Final Destination (on-Site location/off-Site)
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Acronyms and Abbreviations:

AMEC	Amec Foster Wheeler
ASRS	Material Handling Modernization
CY	cubic yards
ft	feet
IDW	Investigation-derived waste
MAB	Main Assembly Building
MPCA	Minnesota Pollution Control Agency
NI	non-impacted
PB	Paint Building
ppm	parts per million
SP	stockpile
SUST	solvent underground storage tank
UST	underground storage tank

Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)			Temporary Sediment Retention Pond - Northeast							
					Excavated Material			NE RP		NE RP		NE RP		NE RP	
					UST SP	UST SP	UST SP	NE RP	NE RP	NE RP	NE RP	NE RP	NE RP	NE RP	
					SP-A01 (20140806) 08/06/2014	SP-A02 (20140806) 08/06/2014	SP-A03 (20140806) 08/06/2014	NE_RP_01 (20140827) 08/27/2014	NE_RP_02 (20140827) 08/27/2014	NE_RP_03 (20140827) 08/27/2014	NE_RP_04 (20140827) 08/27/2014	NE_RP_05 (20140827) 08/27/2014	NE_RP_06 (20140827) 08/27/2014		
VOCs															
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	0.022 J	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	0.019 J	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.32	< 0.27	< 0.52	0.17 J	< 0.35	< 0.26	< 0.46	0.067 J	< 0.28		
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	< 1.6	< 0.71	< 0.52	< 0.92	< 0.69	< 0.57		
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.32	0.0077 J	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.3	< 1.1	< 2.1	< 3.1	< 1.4	< 1	< 1.8	< 1.4	< 1.1		
2-Chlorotoluene	436	436	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.3	< 1.1	< 2.1	< 3.1	< 1.4	< 1	< 1.8	< 1.4	< 1.1		
Acetone	340	1000	NS	mg/kg	< 1.3	< 1.1	< 2.1	< 3.1	< 1.4	< 1	< 1.8	< 1.4	< 1.1		
Allyl chloride	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	< 1.6	< 0.71	< 0.52	< 0.92	< 0.69	< 0.57		
Benzene	6	10	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Bromobenzene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Bromochloromethane	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Bromodichloromethane	10	17	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Bromoform	370	650	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Bromomethane	0.7	2	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Carbon Disulfide	65	190	NS	mg/kg	< 0.32	< 0.27	< 0.52	0.39 J	0.2 J	< 0.26	0.26 J	0.17 J	0.14 J		
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
CFC-11	67	195	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
CFC-12	16	50	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Chlorobenzene	11	32	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Chlorodibromomethane	12	20	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Chloroethane	1000	3000	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Chloroform	2.5	4	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Chloromethane	8	23	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Cyclohexane	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	0.73 J	< 0.71	< 0.52	< 0.92	< 0.69	0.43 J		
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	0.0091 J	< 0.28		
Dibromomethane	260	1860	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Dichloromethane	97	158	NS	mg/kg	< 0.42	< 0.38	< 0.72	< 0.78	< 0.35	< 0.26	0.15 J	< 0.34	< 0.28		
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	< 1.6	< 0.71	< 0.52	< 0.92	< 0.69	< 0.57		
Diethyl ether	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	< 1.6	< 0.71	< 0.52	< 0.92	< 0.69	< 0.57		

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)			Temporary Sediment Retention Pond - Northeast							
					Excavated Material			NE RP		NE RP		NE RP		NE RP	
					UST SP SP-A01 (20140806) 08/06/2014	UST SP SP-A02 (20140806) 08/06/2014	UST SP SP-A03 (20140806) 08/06/2014	NE RP NE_RP_01 (20140827) 08/27/2014	NE RP NE_RP_02 (20140827) 08/27/2014	NE RP NE_RP_03 (20140827) 08/27/2014	NE RP NE_RP_04 (20140827) 08/27/2014	NE RP NE_RP_05 (20140827) 08/27/2014	NE RP NE_RP_06 (20140827) 08/27/2014		
Ethylbenzene	200	200	NS	mg/kg	< 0.32	< 0.27	< 0.52	0.08 J	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Isopropylbenzene	30	87	NS	mg/kg	< 0.32	< 0.27	< 0.52	3.7 J	< 0.35	< 0.26	< 0.46	0.019 J	1.1 J		
Methyl Acetate	NS	NS	NS	mg/kg	0.17 J	0.2 J	0.21 J	< 1.6	0.33 J	< 0.52	< 0.92	0.19 J	< 0.57		
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.3	< 1.1	< 2.1	< 3.1	< 1.4	< 1	< 1.8	< 1.4	< 1.1		
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.63	< 0.54	< 1	2.1	< 0.71	< 0.52	0.1 J	0.047 J	2.9		
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Naphthalene	10	28	NS	mg/kg	0.03 J	0.01 J	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
N-Butylbenzene	30	92	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	0.032 J	1.5		
N-Propylbenzene	30	93	NS	mg/kg	< 0.32	< 0.27	< 0.52	3.1	< 0.35	< 0.26	< 0.46	0.021 J	1.8		
sec-Butylbenzene	25	70	NS	mg/kg	< 0.32	< 0.27	< 0.52	3.8	< 0.35	< 0.26	0.5	0.047 J	2.5		
Styrene (Monomer)	210	600	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
tert-Butylbenzene	30	90	NS	mg/kg	< 0.32	< 0.27	< 0.52	0.76 J	0.013 J	< 0.26	< 0.46	0.011 J	0.19 J		
Tetrachloroethene	72	131	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.3	< 1.1	< 2.1	< 3.1	< 1.4	< 1	< 1.8	< 1.4	< 1.1		
Toluene	107	305	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	0.026 J	< 0.28		
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Trichloroethene	29	46	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
m,p-Xylene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
o-Xylene	NS	NS	NS	mg/kg	< 0.32	< 0.27	< 0.52	< 0.78	< 0.35	< 0.26	< 0.46	< 0.34	< 0.28		
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SVOCs															
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1		
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1		
2-Methylnaphthalene	100	369	NS	mg/kg	0.012 J	0.0054 J	< 0.43	0.018 J	< 0.44	< 0.37	< 0.41	< 0.44	0.13 J		
2-Methylphenol	75	352	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1		
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43		
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1		
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.41	< 0.41	< 0.52	< 0.51	< 0.53	< 0.44	< 0.5	< 0.53	< 0.52		
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA		

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)			Temporary Sediment Retention Pond - Northeast					
					Excavated Material			Sidewall Confirmation					
					UST SP	UST SP	UST SP	NE RP	NE RP	NE RP	NE RP	NE RP	NE RP
					SP-A01 (20140806) 08/06/2014	SP-A02 (20140806) 08/06/2014	SP-A03 (20140806) 08/06/2014	NE_RP_01 (20140827) 08/27/2014	NE_RP_02 (20140827) 08/27/2014	NE_RP_03 (20140827) 08/27/2014	NE_RP_04 (20140827) 08/27/2014	NE_RP_05 (20140827) 08/27/2014	NE_RP_06 (20140827) 08/27/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.0039 J	0.012 J	0.011 J	< 0.42	< 0.44	< 0.37	0.25 J	< 0.44	< 0.43
Acenaphthylene	NS	NS	NS	mg/kg	0.01 J	0.0096 J	0.0098 J	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Acetophenone	NS	NS	NS	mg/kg	0.014 J	0.018 J	0.021 J	< 0.42	< 0.44	< 0.37	< 0.41	0.015 J	< 0.43
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.013 J	0.033 J	0.038 J	< 0.42	< 0.44	< 0.37	0.46	< 0.44	< 0.43
Atrazine	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Benzaldehyde	NS	NS	NS	mg/kg	< 0.34	0.015 J	< 0.43	< 0.42	0.023 J	< 0.37	< 0.41	< 0.44	< 0.43
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.067 J	0.12 J	0.11 J	< 0.42	< 0.44	< 0.37	0.17 J	< 0.44	< 0.43
Benzo(a)pyrene	2	3	NS	mg/kg	0.078 J	0.12 J	0.12 J	< 0.42	< 0.44	< 0.37	0.082 J	< 0.44	< 0.43
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.12 J	0.18 J	0.17 J	< 0.42	< 0.44	< 0.37	0.11 J	< 0.44	< 0.43
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.1 J	0.13 J	< 0.43	< 0.42	< 0.44	< 0.37	0.022 J	< 0.44	< 0.43
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.039 J	0.066 J	0.071 J	< 0.42	< 0.44	< 0.37	0.061 J	< 0.44	< 0.43
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Caprolactam	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Carbazole	700	1310	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	0.053 J	< 0.44	< 0.43
Chrysene	NS	NS	NS	mg/kg	0.08 J	0.13 J	0.13 J	< 0.42	< 0.44	< 0.37	0.16 J	< 0.44	< 0.43
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.015 J	0.027 J	0.026 J	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Dibenzofuran	104	810	NS	mg/kg	< 0.34	0.0082 J	< 0.43	< 0.42	< 0.44	< 0.37	0.13 J	< 0.44	< 0.43
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.12 J	0.27 J	0.25 J	0.017 J	0.0076 J	< 0.37	1	0.0045 J	< 0.43
Fluorene	850	4120	NS	mg/kg	0.0056 J	0.014 J	0.01 J	< 0.42	< 0.44	< 0.37	0.33 J	< 0.44	< 0.43
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Hexachlorobenzene	5	9	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.6	< 1.6	< 2.1	< 2	< 2.1	< 1.8	< 2	< 2.1	< 2.1
Hexachloroethane	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.071 J	0.1 J	0.094 J	< 0.42	< 0.44	< 0.37	0.026 J	< 0.44	< 0.43
Isophorone	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	0.0096 J	0.0082 J	0.0073 J	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)			Temporary Sediment Retention Pond - Northeast					
					Excavated Material			Sidewall Confirmation					
					UST SP	UST SP	UST SP	NE RP	NE RP	NE RP	NE RP	NE RP	NE RP
					SP-A01 (20140806) 08/06/2014	SP-A02 (20140806) 08/06/2014	SP-A03 (20140806) 08/06/2014	NE_RP_01 (20140827) 08/27/2014	NE_RP_02 (20140827) 08/27/2014	NE_RP_03 (20140827) 08/27/2014	NE_RP_04 (20140827) 08/27/2014	NE_RP_05 (20140827) 08/27/2014	NE_RP_06 (20140827) 08/27/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.34	< 0.34	< 0.43	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.045 J	0.15 J	0.12 J	0.0078 J	< 0.44	< 0.37	1.4	< 0.44	< 0.43
Phenol	1500	20203	NS	mg/kg	0.013 J	0.012 J	0.02 J	< 0.42	< 0.44	< 0.37	< 0.41	< 0.44	< 0.43
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.1 J	0.2 J	0.2 J	0.018 J	0.0061 J	< 0.37	0.75	< 0.44	0.0056 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.1169	0.1831	0.1804	ND	ND	ND	0.1203	ND	ND
Metals													
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	1.5	2.0	2.2	2.8	10	3.0	16	5.1	4.6
Barium	1100	18000	NS	mg/kg	24	24	41	72	320 J	46	98	160	150
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.082 J	0.091 J	0.11 J	0.11 J	0.21 J	0.047 J	< 0.22	0.32	0.33
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	7.0	8.2	8.0	13	19	9.7	13	19	20
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	4.8	5.4	5.4	7.3	6.4	3.8	16	20	23
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.11	< 0.15	< 0.12	< 0.16	0.018 J	< 0.13	0.023 J	0.032 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.43	< 0.45	< 0.47	0.49 J	< 1.3	< 0.43	< 0.56	0.54 J	< 0.56
Silver	160	1300	NS	mg/kg	< 0.43	< 0.45	< 0.47	< 0.51	0.21 J	< 0.43	< 0.56	< 0.55	< 0.56
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs													
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH													
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	33	7.0 J	< 9.5	450	< 11	120
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	240	3.8 J	< 11	680	5.8 J	660
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 35 (Waste Solvent USTs) Feature 36 (Former Bulk Solvents and Waste Solvent USTs)			Temporary Sediment Retention Pond - Northeast						
					Excavated Material			Sidewall Confirmation						
					UST SP SP-A01 (20140806) 08/06/2014	UST SP SP-A02 (20140806) 08/06/2014	UST SP SP-A03 (20140806) 08/06/2014	NE RP NE_RP_01 (20140827) 08/27/2014	NE RP NE_RP_02 (20140827) 08/27/2014	NE RP NE_RP_03 (20140827) 08/27/2014	NE RP NE_RP_04 (20140827) 08/27/2014	NE RP NE_RP_05 (20140827) 08/27/2014	NE RP NE_RP_06 (20140827) 08/27/2014	
Other														
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs														
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs														
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals														
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.13 J	0.0078 J	0.011 J	
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Southwest				
					Sidewall Confirmation				Excavated Material				
					SW_RP_E	SW_RP_N	SW_RP_S	SW_RP_W	SP001	SP001	SP001	SP001	
					SW_RP_E (20140825) 08/25/2014	SW_RP_N (20140825) 08/25/2014	SW_RP_S (20140825) 08/25/2014	SW_RP_W (20140825) 08/25/2014	SP-A04 (8/11/2014) 08/11/2014	SP-A05 (8/11/2014) 08/11/2014	SP-A06 (8/11/2014) 08/11/2014	SP-A07 (8/11/2014) 08/11/2014	
VOCs													
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.28	0.02 J	< 0.32	< 0.28	0.028 J	< 0.28	< 0.25	< 0.25	
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.28	0.016 J	< 0.32	< 0.28	0.014 J	< 0.28	< 0.25	< 0.25	
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1	0.059 J	0.08 J	< 1.1	< 1.1	< 0.99	< 1	
2-Chlorotoluene	436	436	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1	< 1.3	< 1.1	< 1.1	< 1.1	< 0.99	< 1	
Acetone	340	1000	NS	mg/kg	< 1.1	< 1	0.26 J	0.23 J	< 1.1	< 1.1	< 0.99	< 1	
Allyl chloride	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	
Benzene	6	10	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Bromobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Bromochloromethane	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Bromodichloromethane	10	17	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Bromoform	370	650	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Bromomethane	0.7	2	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Carbon Disulfide	65	190	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
CFC-11	67	195	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
CFC-12	16	50	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Chlorobenzene	11	32	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Chlorodibromomethane	12	20	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Chloroethane	1000	3000	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Chloroform	2.5	4	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Chloromethane	8	23	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Cyclohexane	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Dibromomethane	260	1860	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Dichloromethane	97	158	NS	mg/kg	< 0.3	< 0.3	< 0.37	< 0.37	< 0.42	< 0.42	< 0.36	< 0.39	
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	
Diethyl ether	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Southwest				
					Sidewall Confirmation				Excavated Material				
					SW_RP_E	SW_RP_N	SW_RP_S	SW_RP_W	SP001	SP001	SP001	SP001	
					SW_RP_E (20140825) 08/25/2014	SW_RP_N (20140825) 08/25/2014	SW_RP_S (20140825) 08/25/2014	SW_RP_W (20140825) 08/25/2014	SP-A04 (8/11/2014) 08/11/2014	SP-A05 (8/11/2014) 08/11/2014	SP-A06 (8/11/2014) 08/11/2014	SP-A07 (8/11/2014) 08/11/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Isopropylbenzene	30	87	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Methyl Acetate	NS	NS	NS	mg/kg	0.045 J	< 0.5	0.12 J	0.12 J	0.067 J	0.045 J	0.048 J	0.04 J	
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1	< 1.3	< 1.1	< 1.1	< 1.1	< 0.99	< 1	
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.57	< 0.5	< 0.63	< 0.56	< 0.54	< 0.56	< 0.49	< 0.5	
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Naphthalene	10	28	NS	mg/kg	0.0079 J	0.034 J	< 0.32	< 0.28	0.026 J	0.0087 J	< 0.25	< 0.25	
N-Butylbenzene	30	92	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
N-Propylbenzene	30	93	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
sec-Butylbenzene	25	70	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Styrene (Monomer)	210	600	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
tert-Butylbenzene	30	90	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Tetrachloroethene	72	131	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1	< 1.3	< 1.1	< 1.1	< 1.1	< 0.99	< 1	
Toluene	107	305	NS	mg/kg	0.023 J	0.017 J	< 0.32	< 0.28	< 0.27	0.026 J	0.024 J	0.024 J	
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Trichloroethene	29	46	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
m,p-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
o-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.25	< 0.32	< 0.28	< 0.27	< 0.28	< 0.25	< 0.25	
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	
SVOCs													
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8	
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8	
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	0.0070 J	0.0060 J	0.0054 J	0.0043 J	
2-Methylphenol	75	352	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8	
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38	
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8	
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.48	< 0.47	< 0.51	< 0.45	< 0.48	< 0.5	< 0.46	< 0.46	
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Southwest			
					Sidewall Confirmation				Excavated Material			
					SW_RP_E	SW_RP_N	SW_RP_S	SW_RP_W	SP001	SP001	SP001	SP001
					SW_RP_E (20140825) 08/25/2014	SW_RP_N (20140825) 08/25/2014	SW_RP_S (20140825) 08/25/2014	SW_RP_W (20140825) 08/25/2014	SP-A04 (8/11/2014) 08/11/2014	SP-A05 (8/11/2014) 08/11/2014	SP-A06 (8/11/2014) 08/11/2014	SP-A07 (8/11/2014) 08/11/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	0.0047 J	0.015 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Acetophenone	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	0.0073 J	0.0091 J	0.027 J
Atrazine	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Benzaldehyde	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	0.0059 J	0.012 J	0.025 J	0.029 J	0.12 J
Benzo(a)pyrene	2	3	NS	mg/kg	< 0.4	< 0.39	< 0.42	0.011 J	0.012 J	0.027 J	0.031 J	0.12 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	< 0.4	0.0082 J	< 0.42	0.0065 J	0.02 J	0.044 J	0.05 J	0.17 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	0.015 J	0.029 J	0.032 J	0.085 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	0.0087 J	0.017 J	0.018 J	0.049 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.4	< 0.39	< 0.42	0.4	< 0.4	< 0.41	< 0.38	< 0.38
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Caprolactam	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Carbazole	700	1310	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Chrysene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	0.0069 J	0.013 J	0.031 J	0.035 J	0.13 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	0.025 J
Dibenzofuran	104	810	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	0.0088 J
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.021 J	0.02 J	0.023 J	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.0061 J	0.0061 J	0.0075 J	0.01 J	0.019 J	0.053 J	0.053 J	0.21 J
Fluorene	850	4120	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	0.0052 J	0.016 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Hexachlorobenzene	5	9	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.9	< 1.9	< 2	< 1.8	< 1.9	< 2	< 1.9	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	0.01 J	0.023 J	0.023 J	0.067 J
Isophorone	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	0.0061 J	0.0053 J	0.0060 J	0.0059 J

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Southwest			
					Sidewall Confirmation				Excavated Material			
					SW_RP_E	SW_RP_N	SW_RP_S	SW_RP_W	SP001	SP001	SP001	SP001
					SW_RP_E (20140825) 08/25/2014	SW_RP_N (20140825) 08/25/2014	SW_RP_S (20140825) 08/25/2014	SW_RP_W (20140825) 08/25/2014	SP-A04 (8/11/2014) 08/11/2014	SP-A05 (8/11/2014) 08/11/2014	SP-A06 (8/11/2014) 08/11/2014	SP-A07 (8/11/2014) 08/11/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	< 0.4	0.0048 J	0.0043 J	0.0046 J	0.013 J	0.028 J	0.034 J	0.13 J
Phenol	1500	20203	NS	mg/kg	< 0.4	< 0.39	< 0.42	< 0.37	< 0.4	< 0.41	< 0.38	< 0.38
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.0080 J	0.0048 J	0.0074 J	0.0092 J	0.018 J	0.045 J	0.044 J	0.17 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	0.0008	ND	0.0123	0.0172	0.0382	0.0434	0.1759
Metals												
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	2.4	2.8	3.1	3.0	2.4	1.9	2.7	2.6
Barium	1100	18000	NS	mg/kg	56	32	55	34	32	32	47	38
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.046 J	< 0.19	0.15 J	0.071 J	0.070 J	0.051 J	0.059 J	0.066 J
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	13	17	23	13	11	7.9	11	11
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	4.6	4.7	7.0	5.9	6.4	5.1	6.4	8.2
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.11	0.023 J	0.032 J	< 0.13	< 0.12	< 0.12	< 0.12	0.023 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.57	< 0.46	< 0.60	< 0.49	< 0.58	< 0.50	< 0.54	< 0.53
Silver	160	1300	NS	mg/kg	< 0.57	< 0.46	< 0.60	< 0.49	< 0.58	< 0.50	< 0.54	< 0.53
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Southwest				
					Sidewall Confirmation				Excavated Material				
					SW_RP_E	SW_RP_N	SW_RP_S	SW_RP_W	SP001	SP001	SP001	SP001	
					SW_RP_E (20140825) 08/25/2014	SW_RP_N (20140825) 08/25/2014	SW_RP_S (20140825) 08/25/2014	SW_RP_W (20140825) 08/25/2014	SP-A04 (8/11/2014) 08/11/2014	SP-A05 (8/11/2014) 08/11/2014	SP-A06 (8/11/2014) 08/11/2014	SP-A07 (8/11/2014) 08/11/2014	
Other													
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs													
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs													
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals													
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Northeast			
					Excavated Material				Excavated Material			
					SP001	SP001	SP001	SP001	SP002	SP003	SP004	SP006
					SP-A08 (8/11/2014) 08/11/2014	SP-A09 (8/11/2014) 08/11/2014	SP-A10 (8/11/2014) 08/11/2014	SP-A11 (8/11/2014) 08/11/2014	SP_002_A1(20140825) 08/25/2014	SP_003_A1(20140825) 08/25/2014	SP_004_A1(20140826) 08/26/2014	SP_006_A1(20140826) 08/26/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	0.0080 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	< 0.46	< 0.6	< 0.59	< 0.6
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	0.0077 J
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.89	< 0.86	< 1.1	< 1	< 0.92	< 1.2	< 1.2	< 1.2
2-Chlorotoluene	436	436	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.89	< 0.86	< 1.1	< 1	< 0.92	< 1.2	< 1.2	< 1.2
Acetone	340	1000	NS	mg/kg	< 0.89	< 0.86	< 1.1	< 1	< 0.92	< 1.2	< 1.2	< 1.2
Allyl chloride	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	< 0.46	< 0.6	< 0.59	< 0.6
Benzene	6	10	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Bromobenzene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Bromochloromethane	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Bromodichloromethane	10	17	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Bromoform	370	650	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Bromomethane	0.7	2	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Carbon Disulfide	65	190	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
CFC-11	67	195	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
CFC-12	16	50	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Chlorobenzene	11	32	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Chlorodibromomethane	12	20	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Chloroethane	1000	3000	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Chloroform	2.5	4	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Chloromethane	8	23	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Cyclohexane	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	< 0.46	< 0.6	< 0.59	< 0.6
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Dibromomethane	260	1860	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Dichloromethane	97	158	NS	mg/kg	< 0.37	< 0.34	< 0.44	< 0.39	< 0.23	< 0.3	< 0.3	< 0.3
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	< 0.46	< 0.6	< 0.59	< 0.6
Diethyl ether	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	0.014 J	< 0.6	< 0.59	< 0.6

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Northeast			
					Excavated Material				Excavated Material			
					SP001	SP001	SP001	SP001	SP002	SP003	SP004	SP006
					SP-A08 (8/11/2014)	SP-A09 (8/11/2014)	SP-A10 (8/11/2014)	SP-A11 (8/11/2014)	SP_002_A1(20140825)	SP_003_A1(20140825)	SP_004_A1(20140826)	SP_006_A1(20140826)
				08/11/2014	08/11/2014	08/11/2014	08/11/2014	08/25/2014	08/25/2014	08/26/2014	08/26/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Isopropylbenzene	30	87	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Methyl Acetate	NS	NS	NS	mg/kg	0.031 J	0.031 J	0.062 J	0.067 J	0.046 J	0.069 J	0.05 J	0.058 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.89	< 0.86	< 1.1	< 1	< 0.92	< 1.2	< 1.2	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.54	< 0.5	< 0.46	< 0.6	< 0.59	< 0.6
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Naphthalene	10	28	NS	mg/kg	< 0.22	0.0081 J	0.0080 J	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
N-Butylbenzene	30	92	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
N-Propylbenzene	30	93	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
sec-Butylbenzene	25	70	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Styrene (Monomer)	210	600	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
tert-Butylbenzene	30	90	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Tetrachloroethene	72	131	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.89	< 0.86	< 1.1	< 1	< 0.92	< 1.2	< 1.2	< 1.2
Toluene	107	305	NS	mg/kg	0.019 J	0.015 J	0.031 J	0.022 J	0.016 J	0.02 J	< 0.3	< 0.3
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Trichloroethene	29	46	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
m,p-Xylene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
o-Xylene	NS	NS	NS	mg/kg	< 0.22	< 0.21	< 0.27	< 0.25	< 0.23	< 0.3	< 0.3	< 0.3
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.37	0.016 J	0.0056 J	0.014 J	0.0055 J	0.017 J	< 0.38	< 0.38
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.45	< 0.45	< 0.52	< 0.49	NA	NA	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Northeast			
					Excavated Material				Excavated Material			
					SP001	SP001	SP001	SP001	SP002	SP003	SP004	SP006
					SP-A08 (8/11/2014) 08/11/2014	SP-A09 (8/11/2014) 08/11/2014	SP-A10 (8/11/2014) 08/11/2014	SP-A11 (8/11/2014) 08/11/2014	SP_002_A1(20140825) 08/25/2014	SP_003_A1(20140825) 08/25/2014	SP_004_A1(20140826) 08/26/2014	SP_006_A1(20140826) 08/26/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.0043 J	0.057 J	< 0.43	< 0.41	0.0066 J	0.019 J	0.0065 J	0.016 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	0.0048 J	0.01 J	0.0052 J	< 0.38
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0071 J	0.095 J	0.0051 J	0.0055 J	0.036 J	0.066 J	0.029 J	0.037 J
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.035 J	0.3 J	0.016 J	0.019 J	0.19 J	0.29 J	0.14 J	0.12 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.033 J	0.25 J	0.014 J	0.019 J	0.16 J	0.24 J	0.12 J	0.1 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.056 J	0.36 J	0.024 J	0.035 J	0.28 J	0.38 J	0.2 J	0.17 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.023 J	0.19 J	0.016 J	0.023 J	0.11 J	0.11 J	0.049 J	0.044 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.015 J	0.14 J	0.0095 J	0.01 J	0.11 J	0.15 J	0.08 J	0.061 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	< 0.37	0.052 J	< 0.43	< 0.41	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	0.04 J	0.29 J	0.014 J	0.025 J	0.2 J	0.29 J	0.13 J	0.12 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.37	0.047 J	< 0.43	< 0.41	0.036 J	0.034 J	0.019 J	0.019 J
Dibenzofuran	104	810	NS	mg/kg	< 0.37	0.033 J	< 0.43	< 0.41	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.067 J	0.54	0.024 J	0.034 J	0.31 J	0.53	0.26 J	0.21 J
Fluorene	850	4120	NS	mg/kg	< 0.37	0.058 J	< 0.43	< 0.41	0.0080 J	0.022 J	0.0071 J	0.018 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.8	< 2.1	< 2	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.021 J	0.16 J	0.012 J	0.017 J	0.089 J	0.098 J	0.047 J	0.043 J
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.37	0.028 J	< 0.43	0.012 J	0.0055 J	0.017 J	< 0.38	0.0090 J

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Northeast			
					Excavated Material				Excavated Material			
					SP001	SP001	SP001	SP001	SP002	SP003	SP004	SP006
					SP-A08 (8/11/2014) 08/11/2014	SP-A09 (8/11/2014) 08/11/2014	SP-A10 (8/11/2014) 08/11/2014	SP-A11 (8/11/2014) 08/11/2014	SP_002_A1(20140825) 08/25/2014	SP_003_A1(20140825) 08/25/2014	SP_004_A1(20140826) 08/26/2014	SP_006_A1(20140826) 08/26/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.37	< 0.43	< 0.41	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.033 J	0.45	0.015 J	0.027 J	0.13 J	0.24 J	0.1 J	0.13 J
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.37	< 0.43	0.016 J	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.05 J	0.48	0.022 J	0.03 J	0.26 J	0.44	0.22 J	0.18 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0461	0.3753	0.0203	0.0274	0.2491	0.3538	0.1787	0.1513
Metals												
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	0.46 J	0.41 J	0.60 J	9.2
Arsenic	9	20	NS	mg/kg	2.5	1.4	2.2	2.2	3.2	6.3	3.5	8.6
Barium	1100	18000	NS	mg/kg	32	22	55	32	77 J	170	49	230
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.084 J	0.085 J	0.087 J	< 0.22	0.24	0.22	< 0.21	1.7
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	11	6.2	9.6	8.4	11	16	9.1	16
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	7.1	11	7.9	5.7	30 J	49	14	220
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.10	< 0.11	< 0.12	< 0.13	0.036 J	0.028 J	0.078 J	0.089 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.43	< 0.44	< 0.47	< 0.54	< 0.43	< 0.45	< 0.51	< 0.50
Silver	160	1300	NS	mg/kg	< 0.43	< 0.44	< 0.47	< 0.54	< 0.43	< 0.45	< 0.51	< 0.50
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest				Temporary Sediment Retention Pond - Northeast			
					Excavated Material				Excavated Material			
					SP001	SP001	SP001	SP001	SP002	SP003	SP004	SP006
					SP-A08 (8/11/2014) 08/11/2014	SP-A09 (8/11/2014) 08/11/2014	SP-A10 (8/11/2014) 08/11/2014	SP-A11 (8/11/2014) 08/11/2014	SP_002_A1(20140825) 08/25/2014	SP_003_A1(20140825) 08/25/2014	SP_004_A1(20140826) 08/26/2014	SP_006_A1(20140826) 08/26/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP013 SP13_01 (20140926) 09/26/2014	SP013 SP13_02 (20140926) 09/26/2014	SP014 SP14_01 (20140926) 09/26/2014	SP014 SP14_02 (20140926) 09/26/2014	SP015 SP15_01 (20140926) 09/26/2014	SP015 SP15_02 (20140926) 09/26/2014	SP016 SP16_01 (20140929) 09/29/2014	SP016 SP16_02 (20140929) 09/29/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.2	< 1.1	0.075 J	0.076 J	0.089 J	0.081 J	0.093 J	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 0.98	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 0.98	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57
Benzene	6	10	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Bromobenzene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Bromochloromethane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Bromodichloromethane	10	17	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Bromoform	370	650	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Bromomethane	0.7	2	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Carbon Disulfide	65	190	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
CFC-11	67	195	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
CFC-12	16	50	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Chlorobenzene	11	32	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Chlorodibromomethane	12	20	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Chloroethane	1000	3000	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Chloroform	2.5	4	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Chloromethane	8	23	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Cyclohexane	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Dibromomethane	260	1860	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Dichloromethane	97	158	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57
Diethyl ether	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP013	SP013	SP014	SP014	SP015	SP015	SP016	SP016
					SP13_01 (20140926)	SP13_02 (20140926)	SP14_01 (20140926)	SP14_02 (20140926)	SP15_01 (20140926)	SP15_02 (20140926)	SP16_01 (20140929)	SP16_02 (20140929)
				09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/29/2014	09/29/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Isopropylbenzene	30	87	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Methyl Acetate	NS	NS	NS	mg/kg	< 0.59	< 0.55	0.037 J	0.041 J	0.059 J	0.035 J	0.047 J	< 0.57
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 0.98	< 1.1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.59	< 0.55	< 0.54	< 0.58	< 0.55	< 0.49	< 0.53	< 0.57
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Naphthalene	10	28	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
N-Butylbenzene	30	92	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
N-Propylbenzene	30	93	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
sec-Butylbenzene	25	70	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Styrene (Monomer)	210	600	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
tert-Butylbenzene	30	90	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Tetrachloroethene	72	131	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.2	< 1.1	< 0.98	< 1.1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Trichloroethene	29	46	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
m,p-Xylene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
o-Xylene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.27	< 0.29	< 0.28	< 0.25	< 0.27	< 0.29
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Methylphenol	75	352	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.43	< 0.42	< 0.44	< 0.43	< 0.43	< 0.44	< 1.1	< 1.1
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP013	SP013	SP014	SP014	SP015	SP015	SP016	SP016
					SP13_01 (20140926)	SP13_02 (20140926)	SP14_01 (20140926)	SP14_02 (20140926)	SP15_01 (20140926)	SP15_02 (20140926)	SP16_01 (20140929)	SP16_02 (20140929)
				09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/26/2014	09/29/2014	09/29/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.0071 J	< 0.35	< 0.36	< 0.36	0.023 J	0.0042 J	0.064 J	0.13 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Acetophenone	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.025 J	0.0086 J	0.01 J	0.0039 J	0.075 J	0.01 J	0.3 J	0.53 J
Atrazine	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Benzaldehyde	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.11 J	0.04 J	0.039 J	0.017 J	0.28 J	0.065 J	0.82 J	1.4
Benzo(a)pyrene	2	3	NS	mg/kg	0.11 J	0.038 J	0.035 J	0.017 J	0.26 J	0.065 J	0.76 J	1.1
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.14 J	0.054 J	0.047 J	0.021 J	0.34 J	0.091 J	0.85 J	1.4
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.07 J	0.031 J	0.024 J	0.011 J	0.17 J	0.041 J	0.57 J	0.66 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.05 J	0.025 J	0.02 J	0.0092 J	0.13 J	0.032 J	0.37 J	0.54 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Caprolactam	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Carbazole	700	1310	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	0.063 J	< 0.36	0.2 J	0.35 J
Chrysene	NS	NS	NS	mg/kg	0.12 J	0.039 J	0.04 J	0.018 J	0.29 J	0.072 J	0.77 J	1.3
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.017 J	< 0.35	< 0.36	< 0.36	0.038 J	< 0.36	0.12 J	0.17 J
Dibenzofuran	104	810	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	0.027 J	0.036 J
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.023 J	0.025 J	0.024 J	0.024 J	0.024 J	0.024 J	< 0.88	< 0.89
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.25 J	0.097 J	0.081 J	0.039 J	0.68	0.14 J	2	3.4
Fluorene	850	4120	NS	mg/kg	0.0048 J	< 0.35	< 0.36	< 0.36	0.015 J	< 0.36	0.063 J	0.09 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Hexachlorobenzene	5	9	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 4.3	< 4.3
Hexachloroethane	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.057 J	0.022 J	0.02 J	0.0099 J	0.14 J	0.038 J	0.41 J	0.58 J
Isophorone	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	0.0096 J

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP013	SP013	SP014	SP014	SP015	SP015	SP016	SP016
					SP13_01 (20140926) 09/26/2014	SP13_02 (20140926) 09/26/2014	SP14_01 (20140926) 09/26/2014	SP14_02 (20140926) 09/26/2014	SP15_01 (20140926) 09/26/2014	SP15_02 (20140926) 09/26/2014	SP16_01 (20140929) 09/29/2014	SP16_02 (20140929) 09/29/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.092 J	0.042 J	0.038 J	0.015 J	0.3 J	0.053 J	0.97	1.9
Phenol	1500	20203	NS	mg/kg	< 0.36	< 0.35	< 0.36	< 0.36	< 0.36	< 0.36	< 0.88	< 0.89
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.2 J	0.078 J	0.067 J	0.033 J	0.51	0.12 J	1.4	2.6
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.1564	0.0525	0.0480	0.0229	0.3732	0.0883	1.0801	1.6005
Metals												
Aluminum	30000	100000	NS	mg/kg	2400	2000	2300	1700	2100	2200	2200	2300
Antimony	12	100	NS	mg/kg	< 0.95 J	< 1.1	< 0.88	< 0.92	< 1.1	< 0.94	< 0.94	< 0.94
Arsenic	9	20	NS	mg/kg	2.2	2.2	2.7	1.9	2.2	2.1	2.2	2
Barium	1100	18000	NS	mg/kg	36	42	58	30	42	40	38	35
Beryllium	55	230	NS	mg/kg	0.16 J	0.13 J	0.17 J	0.11 J	0.15 J	0.15 J	0.13 J	0.14 J
Cadmium	25	200	NS	mg/kg	0.11 J	0.12 J	0.2	0.091 J	0.12 J	0.12 J	0.11 J	0.11 J
Calcium	NS	NS	NS	mg/kg	17000	18000	17000	15000	18000	18000	17000	18000
Chromium**	87/44000**	650/100000**	NS	mg/kg	5.8	4.9	5.7	4.3	5.5	5.1	5.3	5.5
Cobalt	600	2600	NS	mg/kg	4.5 J	4.6 J	5.9	3.4 J	4.6 J	4.6 J	4.3 J	4.4 J
Copper	100	9000	NS	mg/kg	4.7	4.0	6.1	3.2	4	3.9	4	3.8
Iron	9000	75000	NS	mg/kg	6400	6200	6800	4800	6300	6400	6000	6400
Lead	300	700	NS	mg/kg	3.3	3.0	3.3	3	3.2	2.9	3.4	3
Magnesium	NS	NS	NS	mg/kg	4700	5000	4600	4100	4200	4600	4600	4500
Manganese	3600	8100	NS	mg/kg	330	410	650	290	400	400	380	340
Mercury	0.5	1.5	NS	mg/kg	< 0.12	0.028 J	< 0.12	< 0.11	< 0.1	< 0.1	< 0.099	< 0.096
Nickel	560	2500	NS	mg/kg	9.6	10	18	8	10	10	10	9.8
Potassium	NS	NS	NS	mg/kg	540	470 J	600	340 J	420 J	450 J	430 J	420 J
Selenium	160	1300	NS	mg/kg	< 0.48	< 0.53	< 0.44	< 0.46	< 0.53	< 0.47	< 0.47	< 0.47
Silver	160	1300	NS	mg/kg	< 0.48	< 0.53	< 0.44	< 0.46	< 0.53	< 0.47	< 0.47	< 0.47
Sodium	NS	NS	NS	mg/kg	69 J	56 J	58 J	46 J	49 J	51 J	< 470	< 470
Thallium	3	21	NS	mg/kg	< 0.95	< 1.1	< 0.88	< 0.92	< 1.1	< 0.94	< 0.94	< 0.94
Vanadium	30	250	NS	mg/kg	9.7	8.6	8.9	7.1	8.8	9.5	9	9.2
Zinc	8700	75000	NS	mg/kg	19	16	18	14	18	20	16	17
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP013 SP13_01 (20140926) 09/26/2014	SP013 SP13_02 (20140926) 09/26/2014	SP014 SP14_01 (20140926) 09/26/2014	SP014 SP14_02 (20140926) 09/26/2014	SP015 SP15_01 (20140926) 09/26/2014	SP015 SP15_02 (20140926) 09/26/2014	SP016 SP16_01 (20140929) 09/29/2014	SP016 SP16_02 (20140929) 09/29/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP018 SP18_01 (20140929) 09/29/2014	SP018 SP18_02 (20140929) 09/29/2014	SP019 SP19_01 (20140929) 09/29/2014	SP019 SP19_02 (20140929) 09/29/2014	SP020 SP20_01 (20140929) 09/29/2014	SP020 SP20_02 (20140929) 09/29/2014	SP021 SP21_01 (20140929) 09/29/2014	SP022 SP22_01 (20140929) 09/29/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
2-Butanone (MEK)	5500	19000	NS	mg/kg	0.09 J	< 1.1	0.076 J	0.08 J	0.053 J	0.06 J	0.048 J	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
Benzene	6	10	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP018	SP018	SP019	SP019	SP020	SP020	SP021	SP022
					SP18_01 (20140929)	SP18_02 (20140929)	SP19_01 (20140929)	SP19_02 (20140929)	SP20_01 (20140929)	SP20_02 (20140929)	SP21_01 (20140929)	SP22_01 (20140929)
				09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Methyl Acetate	NS	NS	NS	mg/kg	0.046 J	< 0.54	0.038 J	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.54	< 0.53	< 0.54	< 0.52	< 0.54	< 0.53	< 0.55
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27	< 0.26	< 0.27
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.7	< 1.8	< 1.8
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Methylphenol	75	352	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7 J	< 1.8
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.43	< 0.45	< 0.44	< 1.8	< 0.43	< 0.44	< 0.44	< 0.44
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP018	SP018	SP019	SP019	SP020	SP020	SP021	SP022
					SP18_01 (20140929)	SP18_02 (20140929)	SP19_01 (20140929)	SP19_02 (20140929)	SP20_01 (20140929)	SP20_02 (20140929)	SP21_01 (20140929)	SP22_01 (20140929)
				09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.36	< 0.37	0.029 J	0.098 J	0.0078 J	< 0.36	< 0.36	0.01 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Acetophenone	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0099 J	0.011 J	0.16 J	0.46 J	0.034 J	0.014 J	0.013 J	0.037 J
Atrazine	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Benzaldehyde	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.049 J	0.049 J	0.45	1.2 J	0.13 J	0.046 J	0.059 J	0.18 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.044 J	0.045 J	0.38	1 J	0.11 J	0.043 J	0.054 J	0.15 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.056 J	0.059 J	0.45	1.3 J	0.15 J	0.055 J	0.07 J	0.19 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.025 J	0.038 J	0.23 J	0.59 J	0.075 J	0.028 J	0.036 J	0.098 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.025 J	0.025 J	0.21 J	0.56 J	0.054 J	0.02 J	0.022 J	0.084 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Caprolactam	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Carbazole	700	1310	NS	mg/kg	< 0.36	< 0.37	< 0.12 J	< 0.29 J	< 0.36	< 0.36	< 0.36	< 0.36
Chrysene	NS	NS	NS	mg/kg	0.051 J	0.051 J	0.44	1.1 J	0.12 J	0.048 J	0.053 J	0.16 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.36	0.0097 J	0.055 J	0.15 J	0.019 J	< 0.36	< 0.36	0.03 J
Dibenzofuran	104	810	NS	mg/kg	< 0.36	< 0.37	0.0076 J	0.038 J	< 0.36	< 0.36	< 0.36	< 0.36
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.12 J	0.099 J	1.1	2.8	0.28 J	0.11 J	0.12 J	0.37
Fluorene	850	4120	NS	mg/kg	< 0.36	< 0.37	0.023 J	0.079 J	0.006 J	< 0.36	< 0.36	0.0051 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Hexachlorobenzene	5	9	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 7.1	< 1.7	< 1.8	< 1.7	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.022 J	0.029 J	0.21 J	0.61 J	0.062 J	0.024 J	0.028 J	0.086 J
Isophorone	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP018	SP018	SP019	SP019	SP020	SP020	SP021	SP022
					SP18_01 (20140929) 09/29/2014	SP18_02 (20140929) 09/29/2014	SP19_01 (20140929) 09/29/2014	SP19_02 (20140929) 09/29/2014	SP20_01 (20140929) 09/29/2014	SP20_02 (20140929) 09/29/2014	SP21_01 (20140929) 09/29/2014	SP22_01 (20140929) 09/29/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.037 J	0.041 J	0.54	1.4 J	0.12 J	0.049 J	0.046 J	0.14 J
Phenol	1500	20203	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.36
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.088 J	0.086 J	0.84	2.2	0.22 J	0.076 J	0.1 J	0.3 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0597	0.0672	0.5473	1.4622	0.1615	0.0580	0.0724	0.2224
Metals												
Aluminum	30000	100000	NS	mg/kg	2400	2800	2900	2100	2300	1800	2200	2400
Antimony	12	100	NS	mg/kg	< 1 J	< 0.97	< 0.87	< 0.79	< 0.95 J	< 0.89	< 1	< 0.92
Arsenic	9	20	NS	mg/kg	2.5	3.1	2.3	2.1	2.2	1.9	2.1	2.2
Barium	1100	18000	NS	mg/kg	36	38	38	37	42	32	37	36
Beryllium	55	230	NS	mg/kg	0.16 J	0.2 J	0.17 J	0.13 J	0.14 J	0.11 J	0.13 J	0.14 J
Cadmium	25	200	NS	mg/kg	0.089 J	0.099 J	0.11 J	0.094 J	0.12 J	0.089 J	0.087 J	0.11 J
Calcium	NS	NS	NS	mg/kg	18000 J	19000	14000	17000	21000	16000	18000	19000
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.1	6.6	6.4	5.2	5.8	4.6	5.6	5.8
Cobalt	600	2600	NS	mg/kg	5.3	5.4	4.6	4.8	4.8	3.8 J	4.7 J	4.7
Copper	100	9000	NS	mg/kg	4.9	5.5	4.3	3.8	4.2	3.4	4	4.1
Iron	9000	75000	NS	mg/kg	7200	7800	7000	5800	6400	5300	6600	6300
Lead	300	700	NS	mg/kg	3.4	3.2	3.4	4.6	3.5	3	3.8	3.8
Magnesium	NS	NS	NS	mg/kg	5100	5400	4000	4900	5400 J	4000	5200	5900
Manganese	3600	8100	NS	mg/kg	370	390	370	340	450	300	350	370
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.11	< 0.11	< 0.1	< 0.11	< 0.11	< 0.1	0.014 J
Nickel	560	2500	NS	mg/kg	12	12	11	10	11	8.3	10	11
Potassium	NS	NS	NS	mg/kg	580	820	480	390	440 J	350 J	410 J	410 J
Selenium	160	1300	NS	mg/kg	< 0.5	< 0.49	< 0.43	< 0.39	< 0.47	< 0.44	< 0.52	< 0.46
Silver	160	1300	NS	mg/kg	< 0.5	< 0.49	< 0.43	< 0.39	< 0.47	< 0.44	< 0.52	< 0.46
Sodium	NS	NS	NS	mg/kg	60 J	64 J	50 J	55 J	< 470	< 440	< 520	< 460
Thallium	3	21	NS	mg/kg	< 1	< 0.97	< 0.87	< 0.79	< 0.95	< 0.89	< 1	< 0.92
Vanadium	30	250	NS	mg/kg	9.4	10	11	8.6	9.8	7.6	9.4	9.8
Zinc	8700	75000	NS	mg/kg	17 J	18	17	17	17	14	21	18
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP018 SP18_01 (20140929) 09/29/2014	SP018 SP18_02 (20140929) 09/29/2014	SP019 SP19_01 (20140929) 09/29/2014	SP019 SP19_02 (20140929) 09/29/2014	SP020 SP20_01 (20140929) 09/29/2014	SP020 SP20_02 (20140929) 09/29/2014	SP021 SP21_01 (20140929) 09/29/2014	SP022 SP22_01 (20140929) 09/29/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building	Paint Building		Paint Building		Paint Building	
					Excavated Material	Excavated Material		Excavated Material		Excavated Material	
					SP022 SP22_02 (20140929) 09/29/2014	SP023 SP23_01 (20140929) 09/29/2014	SP023 SP23_02 (20140929) 09/29/2014	SP024 SP24_01 (20140929) 09/29/2014	SP024 SP24_02 (20140929) 09/29/2014	SP025 SP25_01 (20140929) 09/29/2014	SP025 SP25_02 (20140929) 09/29/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.2	< 1.3	< 1.1	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.2	< 1.3	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.2	< 2.5	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56
Benzene	6	10	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP022	SP023	SP023	SP024	SP024	SP025	SP025	
					SP22_02 (20140929)	SP23_01 (20140929)	SP23_02 (20140929)	SP24_01 (20140929)	SP24_02 (20140929)	SP25_01 (20140929)	SP25_02 (20140929)	
				09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	09/29/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Methyl Acetate	NS	NS	NS	mg/kg	< 0.54	0.037 J	0.029 J	< 0.58	< 0.63	< 0.56	< 0.56	
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.2	< 1.3	< 1.1	< 1.1	
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.58	< 0.63	< 0.56	< 0.56	
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.2	< 1.3	< 1.1	< 1.1	
Toluene	107	305	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.26	< 0.29	< 0.31	< 0.28	< 0.28	
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Methylphenol	75	352	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.43	< 0.43	< 0.44	< 0.42	< 0.87	< 0.44	< 0.44	
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP022 SP22_02 (20140929) 09/29/2014	SP023 SP23_01 (20140929) 09/29/2014	SP023 SP23_02 (20140929) 09/29/2014	SP024 SP24_01 (20140929) 09/29/2014	SP024 SP24_02 (20140929) 09/29/2014	SP025 SP25_01 (20140929) 09/29/2014	SP025 SP25_02 (20140929) 09/29/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	1200	5260	NS	mg/kg	0.015 J	< 0.36	0.0071 J	0.022 J	0.05 J	0.039 J	0.016 J	
Acenaphthylene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Acetophenone	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Anthracene	7880	45400	NS	mg/kg	0.058 J	0.0053 J	0.021 J	0.1 J	0.24 J	0.17 J	0.063 J	
Atrazine	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Benzaldehyde	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.27 J	0.024 J	0.1 J	0.31 J	0.69 J	0.53	0.2 J	
Benzo(a)pyrene	2	3	NS	mg/kg	0.24 J	0.021 J	0.088 J	0.27 J	0.62 J	0.45	0.17 J	
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.29 J	0.026 J	0.099 J	0.32 J	0.78	0.52	0.21 J	
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.17 J	0.017 J	0.049 J	0.17 J	0.37 J	0.28 J	0.11 J	
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.12 J	0.015 J	0.027 J	0.14 J	0.29 J	0.25 J	0.09 J	
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Caprolactam	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Carbazole	700	1310	NS	mg/kg	0.041 J	< 0.36	< 0.36	0.079 J	0.16 J	0.12 J	0.042 J	
Chrysene	NS	NS	NS	mg/kg	0.26 J	0.02 J	0.11 J	0.3 J	0.69 J	0.5	0.2 J	
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.039 J	< 0.36	0.014 J	0.041 J	0.092 J	0.069 J	0.028 J	
Dibenzofuran	104	810	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	0.018 J	0.012 J	< 0.36	
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	1080	6800	NS	mg/kg	0.57	0.053 J	0.22 J	0.77	1.7	1.3	0.45	
Fluorene	850	4120	NS	mg/kg	0.0092 J	< 0.36	0.0055 J	0.018 J	0.041 J	0.027 J	0.011 J	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Hexachlorobenzene	5	9	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 3.5	< 1.8	< 1.8	
Hexachloroethane	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.14 J	0.012 J	0.044 J	0.14 J	0.32 J	0.24 J	0.097 J	
Isophorone	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	10	28	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP022 SP22_02 (20140929) 09/29/2014	SP023 SP23_01 (20140929) 09/29/2014	SP023 SP23_02 (20140929) 09/29/2014	SP024 SP24_01 (20140929) 09/29/2014	SP024 SP24_02 (20140929) 09/29/2014	SP025 SP25_01 (20140929) 09/29/2014	SP025 SP25_02 (20140929) 09/29/2014	
Nitrobenzene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	80	120	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	NS	NS	NS	mg/kg	0.21 J	0.018 J	0.097 J	0.38	0.8	0.56	0.21 J	
Phenol	1500	20203	NS	mg/kg	< 0.35	< 0.36	< 0.36	< 0.35	< 0.72	< 0.37	< 0.36	
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pyrene	890	5800	NS	mg/kg	0.47	0.04 J	0.19 J	0.58	1.3	0.99	0.36	
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.3465	0.0289	0.1240	0.3870	0.8866	0.6478	0.2474	
Metals												
Aluminum	30000	100000	NS	mg/kg	2200	2200	2200	2200	2600	2400	2200	
Antimony	12	100	NS	mg/kg	< 0.96	< 1.1	< 0.92	< 0.96	< 0.95	< 0.99	< 0.9	
Arsenic	9	20	NS	mg/kg	2.3	2	2.1	2	2.4	2.3	2	
Barium	1100	18000	NS	mg/kg	35	35	38	35	38	45	36	
Beryllium	55	230	NS	mg/kg	0.14 J	0.13 J	0.14 J	0.14 J	0.16 J	0.14 J	0.14 J	
Cadmium	25	200	NS	mg/kg	0.11 J	0.11 J	0.1 J	0.092 J	0.1 J	0.15 J	0.11 J	
Calcium	NS	NS	NS	mg/kg	15000	16000	15000	14000	13000	15000	17000	
Chromium**	87/44000**	650/100000**	NS	mg/kg	5.4	5.2	5.3	5.4	6.5	5.8	5.2	
Cobalt	600	2600	NS	mg/kg	4.7 J	4.3 J	4.4 J	4.3 J	4.8	4.6 J	4.5	
Copper	100	9000	NS	mg/kg	4.2	3.7	3.9	3.8	4.6	4.3	3.8	
Iron	9000	75000	NS	mg/kg	6200	5900	6000	5800	7000	6600	6300	
Lead	300	700	NS	mg/kg	5.2	3.3	3.2	3.7	5.4	3.3	3.3	
Magnesium	NS	NS	NS	mg/kg	5000	4400	3900	3800	4000	3900	4100	
Manganese	3600	8100	NS	mg/kg	360	340	380	340	350	520	350	
Mercury	0.5	1.5	NS	mg/kg	< 0.12	< 0.097	< 0.11	< 0.11	< 0.11	< 0.1	< 0.12	
Nickel	560	2500	NS	mg/kg	10	9.4	10	9.8	10	13	9.8	
Potassium	NS	NS	NS	mg/kg	370 J	400 J	400 J	400 J	530	460 J	430 J	
Selenium	160	1300	NS	mg/kg	< 0.48	< 0.53	< 0.46	< 0.48	0.32 J	< 0.49	< 0.45	
Silver	160	1300	NS	mg/kg	< 0.48	< 0.53	< 0.46	< 0.48	< 0.47	< 0.49	< 0.45	
Sodium	NS	NS	NS	mg/kg	< 480	< 530	< 460	< 480	< 470	< 490	< 450	
Thallium	3	21	NS	mg/kg	< 0.96	< 1.1	< 0.92	< 0.96	< 0.95	< 0.99	< 0.9	
Vanadium	30	250	NS	mg/kg	8.8	8.7	9.3	8.9	10	10	9.2	
Zinc	8700	75000	NS	mg/kg	20	16	17	15	19	18	16	
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building	Paint Building		Paint Building		Paint Building	
					Excavated Material SP022 SP22_02 (20140929) 09/29/2014	Excavated Material SP023 SP23_01 (20140929) 09/29/2014	Excavated Material SP023 SP23_02 (20140929) 09/29/2014	Excavated Material SP024 SP24_01 (20140929) 09/29/2014	Excavated Material SP024 SP24_02 (20140929) 09/29/2014	Excavated Material SP025 SP25_01 (20140929) 09/29/2014	Excavated Material SP025 SP25_02 (20140929) 09/29/2014
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota



Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building Excavated Material		Paint Building Excavated Material		Paint Building Excavated Material		Paint Building Excavated Material	
					SP026	SP026	SP027	SP027	SP028	SP028	SP029	SP029
					SP26_01 (20141007) 10/07/2014	SP26_02 (20141007) 10/07/2014	SP27_01 (20141007) 10/07/2014	SP27_02 (20141007) 10/07/2014	SP28_01 (20141007) 10/07/2014	SP28_02 (20141007) 10/07/2014	SP29_01 (20141007) 10/07/2014	SP29_02 (20141007) 10/07/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
Benzene	6	10	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Bromobenzene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Bromochloromethane	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Bromodichloromethane	10	17	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Bromoform	370	650	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Bromomethane	0.7	2	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Carbon Disulfide	65	190	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
CFC-11	67	195	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
CFC-12	16	50	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Chlorobenzene	11	32	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Chlorodibromomethane	12	20	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Chloroethane	1000	3000	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Chloroform	2.5	4	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Chloromethane	8	23	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	0.016 J	0.015 J	0.016 J	0.02 J
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Cyclohexane	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Dibromomethane	260	1860	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Dichloromethane	97	158	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
Diethyl ether	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP026	SP026	SP027	SP027	SP028	SP028	SP029	SP029
					SP26_01 (20141007)	SP26_02 (20141007)	SP27_01 (20141007)	SP27_02 (20141007)	SP28_01 (20141007)	SP28_02 (20141007)	SP29_01 (20141007)	SP29_02 (20141007)
				10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Isopropylbenzene	30	87	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Methyl Acetate	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.58	< 0.56	< 0.56	< 0.57	< 0.57	< 0.53	< 0.55	< 0.56
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Naphthalene	10	28	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
N-Butylbenzene	30	92	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
N-Propylbenzene	30	93	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
sec-Butylbenzene	25	70	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Styrene (Monomer)	210	600	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
tert-Butylbenzene	30	90	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Tetrachloroethene	72	131	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Trichloroethene	29	46	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
m,p-Xylene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
o-Xylene	NS	NS	NS	mg/kg	< 0.29	< 0.28	< 0.28	< 0.28	< 0.29	< 0.26	< 0.28	< 0.28
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,4-Dichlorophenol	48	230	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,4-Dimethylphenol	390	1925	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,4-Dinitrophenol	NS	NS	NS	mg/kg	R	R	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Chlorophenol	NS	NS	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	R	R	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Methylphenol	75	352	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
2-Nitrophenol	NS	NS	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	R	R	< 0.45	< 0.44	< 0.44	< 0.45	< 0.44	< 0.45
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP026 SP26_01 (20141007) 10/07/2014	SP026 SP26_02 (20141007) 10/07/2014	SP027 SP27_01 (20141007) 10/07/2014	SP027 SP27_02 (20141007) 10/07/2014	SP028 SP28_01 (20141007) 10/07/2014	SP028 SP28_02 (20141007) 10/07/2014	SP029 SP29_01 (20141007) 10/07/2014	SP029 SP29_02 (20141007) 10/07/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	R	R	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.12 J	0.034 J	0.0079 J	0.0091 J	0.0071 J	0.046 J	< 0.37	0.0052 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Acetophenone	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.43 J	0.13 J	0.036 J	0.038 J	0.036 J	0.2 J	0.0065 J	0.018 J
Atrazine	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Benzaldehyde	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	1.1	0.5 J	0.12 J	0.14 J	0.13 J	0.96	0.031 J	0.076 J
Benzo(a)pyrene	2	3	NS	mg/kg	1	0.47 J	0.096 J	0.12 J	0.13 J	0.71	0.03 J	0.065 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	1.3	0.67 J	0.15 J	0.18 J	0.17 J	1.3	0.038 J	0.095 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.46 J	0.3 J	0.056 J	0.07 J	0.07 J	0.12 J	0.018 J	0.034 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.53 J	0.24 J	0.061 J	0.073 J	0.059 J	0.52	0.016 J	0.039 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Caprolactam	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Carbazole	700	1310	NS	mg/kg	0.31 J	0.099 J	< 0.37	< 0.36	< 0.36	< 0.17 J	< 0.37	< 0.37
Chrysene	NS	NS	NS	mg/kg	1.1	0.5 J	0.13 J	0.15 J	0.13 J	0.9	0.031 J	0.079 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.14 J	0.083 J	< 0.37	0.02 J	0.019 J	0.048 J	< 0.37	< 0.37
Dibenzofuran	104	810	NS	mg/kg	0.04 J	0.014 J	< 0.37	< 0.36	< 0.36	0.012 J	< 0.37	< 0.37
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	2.6	1 J	0.29 J	0.32 J	0.28 J	1.9	0.062 J	0.17 J
Fluorene	850	4120	NS	mg/kg	0.081 J	0.024 J	0.0054 J	0.0061 J	0.0053 J	0.033 J	< 0.37	< 0.37
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Hexachlorobenzene	5	9	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 3.6	< 1.8 J	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.48 J	0.26 J	0.047 J	0.063 J	0.063 J	0.14 J	0.015 J	0.031 J
Isophorone	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP026	SP026	SP027	SP027	SP028	SP028	SP029	SP029
					SP26_01 (20141007)	SP26_02 (20141007)	SP27_01 (20141007)	SP27_02 (20141007)	SP28_01 (20141007)	SP28_02 (20141007)	SP29_01 (20141007)	SP29_02 (20141007)
				10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	10/07/2014	
Nitrobenzene	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.73	< 0.37	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	< 0.37	< 0.37	< 0.37
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	1.3	0.45	0.13 J	0.14 J	0.12 J	0.58	0.023 J	0.067 J
Phenol	1500	20203	NS	mg/kg	R	R	< 0.37	< 0.36	< 0.36	0.0087 J	< 0.37	< 0.37
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	1.8	0.76	0.22 J	0.26 J	0.23 J	1.7	0.055 J	0.14 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	1.4306	0.6886	0.1351	0.1783	0.1842	1.0380	0.0403	0.0899
Metals												
Aluminum	30000	100000	NS	mg/kg	2000	2100	1900	1900	2100	2200	2100	2200
Antimony	12	100	NS	mg/kg	< 1.1	< 0.81 J	< 0.89	< 1.1	< 0.91	< 1.1	< 1	< 0.88
Arsenic	9	20	NS	mg/kg	2.2	2.1	1.9	2.1	2	2.3	2.1	2.1
Barium	1100	18000	NS	mg/kg	37	32	32	31	34	38	40	35
Beryllium	55	230	NS	mg/kg	0.14 J	0.14 J	0.13 J	0.14 J	0.14 J	0.16 J	0.14 J	0.15 J
Cadmium	25	200	NS	mg/kg	0.12 J	0.081 J	0.097 J	0.1 J	0.11 J	0.13 J	0.13 J	0.097 J
Calcium	NS	NS	NS	mg/kg	20000	15000	11000	15000	15000	17000	18000	15000
Chromium**	87/44000**	650/100000**	NS	mg/kg	4.9	4.7	4.5	4.6	4.9	5.4	5.5	5.1
Cobalt	600	2600	NS	mg/kg	3.9 J	3.9 J	3.8 J	3.7 J	3.8 J	4.2 J	4.2 J	4.2 J
Copper	100	9000	NS	mg/kg	3.6	3.4	3.5	3.1	3.4	4	3.5	3.7
Iron	9000	75000	NS	mg/kg	5800	5500	5300	5400	5700	6300	6100	6000
Lead	300	700	NS	mg/kg	4.4	3.8	3.6	3.4	3.1	3.9	3.3	3.1
Magnesium	NS	NS	NS	mg/kg	5400	4100	3100	3900	3900	4800	4400	4000
Manganese	3600	8100	NS	mg/kg	400	310	310	300	330	380	380	320
Mercury	0.5	1.5	NS	mg/kg	< 0.12	< 0.12	< 0.11	< 0.11	< 0.12	< 0.1	< 0.12	0.018 J
Nickel	560	2500	NS	mg/kg	9.1	8.1	8.5	8.1	8.7	9.8	9.6	9.6
Potassium	NS	NS	NS	mg/kg	350 J	330 J	300 J	360 J	370 J	400 J	390 J	440
Selenium	160	1300	NS	mg/kg	< 0.55	< 0.4	< 0.44	0.41 J	< 0.45	< 0.54	< 0.52	< 0.44
Silver	160	1300	NS	mg/kg	< 0.55	< 0.4	< 0.44	< 0.54	< 0.45	< 0.54	< 0.52	< 0.44
Sodium	NS	NS	NS	mg/kg	< 550	< 400	< 440	< 540	< 450	< 540	< 520	< 440
Thallium	3	21	NS	mg/kg	< 1.1	< 0.81	< 0.89	< 1.1	< 0.91	< 1.1	< 1	< 0.88
Vanadium	30	250	NS	mg/kg	8.7	8.1	8	8.4	9	9.3	9	8.8
Zinc	8700	75000	NS	mg/kg	18	15	14	14	14	17	15	16
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP026 SP26_01 (20141007) 10/07/2014	SP026 SP26_02 (20141007) 10/07/2014	SP027 SP27_01 (20141007) 10/07/2014	SP027 SP27_02 (20141007) 10/07/2014	SP028 SP28_01 (20141007) 10/07/2014	SP028 SP28_02 (20141007) 10/07/2014	SP029 SP29_01 (20141007) 10/07/2014	SP029 SP29_02 (20141007) 10/07/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP031	SP031	SP032	SP032	SP033	SP033	SP034	SP034
					SP31-01 (20141014)	SP31-02 (20141014)	SP32-01 (20141014)	SP32-02 (20141014)	SP33-01 (20141015)	SP33-02 (20141015)	SP34-01 (20141015)	SP34-02 (20141015)
					10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.53	< 0.56	< 0.5	< 0.49	< 0.53	< 0.51	< 0.5	< 0.52
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2-Dichlorobenzene	26	75	NS	mg/kg	0.0097 J	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,3-Dichlorobenzene	26	200	NS	mg/kg	0.0088 J	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
1,4-Dichlorobenzene	30	50	NS	mg/kg	0.01 J	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1	< 1	< 1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1	< 1	< 1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1	< 1	< 1
Allyl chloride	NS	NS	NS	mg/kg	< 0.53	< 0.56	< 0.5	< 0.49	< 0.53	< 0.51	< 0.5	< 0.52
Benzene	6	10	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Bromobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Bromochloromethane	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Bromodichloromethane	10	17	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Bromoform	370	650	NS	mg/kg	0.058 J	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Bromomethane	0.7	2	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Carbon Disulfide	65	190	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
CFC-11	67	195	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
CFC-12	16	50	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Chlorobenzene	11	32	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Chlorodibromomethane	12	20	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Chloroethane	1000	3000	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Chloroform	2.5	4	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Chloromethane	8	23	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Cyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.56	< 0.5	< 0.49	< 0.53	< 0.51	< 0.5	< 0.52
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	0.0057 J	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Dibromomethane	260	1860	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Dichloromethane	97	158	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.53	< 0.56	< 0.5	< 0.49	< 0.53	< 0.51	< 0.5	< 0.52
Diethyl ether	NS	NS	NS	mg/kg	0.016 J	< 0.56	0.017 J	< 0.49	< 0.53	< 0.51	< 0.5	0.016 J

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP031	SP031	SP032	SP032	SP033	SP033	SP034	SP034
					SP31-01 (20141014)	SP31-02 (20141014)	SP32-01 (20141014)	SP32-02 (20141014)	SP33-01 (20141015)	SP33-02 (20141015)	SP34-01 (20141015)	SP34-02 (20141015)
				10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Isopropylbenzene	30	87	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Methyl Acetate	NS	NS	NS	mg/kg	< 0.53	< 0.56	0.047 J	< 0.49	0.04 J	0.028 J	0.033 J	< 0.52
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1	< 1	< 1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.56	< 0.5	< 0.49	< 0.53	< 0.51	< 0.5	< 0.52
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Naphthalene	10	28	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
N-Butylbenzene	30	92	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
N-Propylbenzene	30	93	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
sec-Butylbenzene	25	70	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Styrene (Monomer)	210	600	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
tert-Butylbenzene	30	90	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Tetrachloroethene	72	131	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.99	< 1.1	< 1	< 1	< 1
Toluene	107	305	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Trichloroethene	29	46	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
m,p-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
o-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.28	< 0.25	< 0.25	< 0.26	< 0.25	< 0.25	< 0.26
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	R
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	R
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	0.0043 J	< 0.36
2-Methylphenol	75	352	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.44	< 0.45	< 0.44	< 0.45	< 0.45	< 0.45	< 0.43	R
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP031	SP031	SP032	SP032	SP033	SP033	SP034	SP034
					SP31-01 (20141014)	SP31-02 (20141014)	SP32-01 (20141014)	SP32-02 (20141014)	SP33-01 (20141015)	SP33-02 (20141015)	SP34-01 (20141015)	SP34-02 (20141015)
				10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	R
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.36	0.012 J	0.0089 J	0.01 J	0.02 J	< 0.37	0.038 J	0.022 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	0.0042 J	0.0060 J
Acetophenone	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0095 J	0.051 J	0.032 J	0.038 J	0.081 J	0.012 J	0.31 J	0.092 J
Atrazine	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Benzaldehyde	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.049 J	0.15 J	0.15 J	0.17 J	0.21 J	0.046 J	0.58	0.33 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.038 J	0.13 J	0.13 J	0.15 J	0.18 J	0.039 J	0.49	0.28 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.059 J	0.18 J	0.21 J	0.21 J	0.23 J	0.047 J	0.67	0.41
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.026 J	0.088 J	0.087 J	0.095 J	0.12 J	0.02 J	0.34 J	0.19 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.027 J	0.061 J	0.075 J	0.077 J	0.099 J	0.02 J	0.24 J	0.13 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.025 J	< 0.37	< 0.36	0.024 J	0.094 J	< 0.37	0.097 J	0.022 J
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Caprolactam	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Carbazole	700	1310	NS	mg/kg	< 0.36	0.032 J	0.032 J	0.033 J	0.069 J	< 0.37	0.21 J	0.067 J
Chrysene	NS	NS	NS	mg/kg	0.053 J	0.15 J	0.16 J	0.17 J	0.19 J	0.044 J	0.55	0.34 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.36	0.022 J	0.02 J	0.022 J	0.033 J	< 0.37	0.077 J	0.054 J
Dibenzofuran	104	810	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	0.0072 J	< 0.37	0.016 J	0.012 J
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.098 J	0.37	0.31 J	0.35 J	0.48	0.085 J	1.4	0.7
Fluorene	850	4120	NS	mg/kg	< 0.36	0.0083 J	0.0065 J	0.0069 J	0.016 J	< 0.37	0.04 J	0.018 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Hexachlorobenzene	5	9	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.8	< 1.7	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.023 J	0.076 J	0.076 J	0.076 J	0.11 J	0.019 J	0.29 J	0.17 J
Isophorone	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	0.011 J	0.0099 J

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP031	SP031	SP032	SP032	SP033	SP033	SP034	SP034
					SP31-01 (20141014) 10/14/2014	SP31-02 (20141014) 10/14/2014	SP32-01 (20141014) 10/14/2014	SP32-02 (20141014) 10/14/2014	SP33-01 (20141015) 10/15/2014	SP33-02 (20141015) 10/15/2014	SP34-01 (20141015) 10/15/2014	SP34-02 (20141015) 10/15/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	< 0.36
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.044 J	0.19 J	0.12 J	0.14 J	0.26 J	0.038 J	0.69	0.3 J
Phenol	1500	20203	NS	mg/kg	< 0.36	< 0.37	< 0.36	< 0.37	< 0.37	< 0.37	< 0.35	R
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.092 J	0.3 J	0.29 J	0.32 J	0.36 J	0.082 J	1	0.59
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0543	0.1906	0.1939	0.2174	0.2653	0.0526	0.7167	0.4177
Metals												
Aluminum	30000	100000	NS	mg/kg	2400	4400	4800	2600	3100	3400	2200	2300
Antimony	12	100	NS	mg/kg	< 0.88	< 0.94	< 0.98	< 0.97	< 1.0 J	< 0.99	< 0.86	< 0.98
Arsenic	9	20	NS	mg/kg	1.8	2.3	3.3	2.1	2.5	2.6	1.6	1.9
Barium	1100	18000	NS	mg/kg	25	29	44	29	34	35	25	25
Beryllium	55	230	NS	mg/kg	0.13 J	0.28 J	0.25 J	0.19 J	0.19 J	0.22 J	0.13 J	0.18 J
Cadmium	25	200	NS	mg/kg	0.12 J	0.087 J	0.13 J	0.12 J	0.084 J	0.081 J	0.071 J	0.067 J
Calcium	NS	NS	NS	mg/kg	13000	34000	15000	11000	11000 J	16000	24000	22000
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.0	9.3	9.8	5.8	7.0	6.4	6.8	6.3
Cobalt	600	2600	NS	mg/kg	3.6 J	5.2	7.9	4.3 J	4.9 J	5.5	3.6 J	3.7 J
Copper	100	9000	NS	mg/kg	6.1	5.6	8.6	7.7	9.1	11	8.2	8.4
Iron	9000	75000	NS	mg/kg	7100	8700	11000	7300	8800	9000	6400	8300
Lead	300	700	NS	mg/kg	3.0	3.4	4.5	3.4	3.8	3.7	1.8	3.0
Magnesium	NS	NS	NS	mg/kg	4800	3400	7700	3900	4300	6000	4600	6100
Manganese	3600	8100	NS	mg/kg	240	420	300	270	340	310	240	200
Mercury	0.5	1.5	NS	mg/kg	< 0.094	< 0.12	< 0.11	< 0.10	< 0.11	< 0.13	< 0.11	< 0.10
Nickel	560	2500	NS	mg/kg	9.1	12	16	10	12	12	8.4	9.3
Potassium	NS	NS	NS	mg/kg	340 J	1500	730	480	510	560	320 J	340 J
Selenium	160	1300	NS	mg/kg	< 0.44	< 0.47	< 0.49	< 0.48	< 0.51	< 0.50	< 0.43	< 0.49
Silver	160	1300	NS	mg/kg	< 0.44	< 0.47	< 0.49	< 0.48	< 0.51	< 0.50	< 0.43	< 0.49
Sodium	NS	NS	NS	mg/kg	69 J	78 J	87 J	75 J	110 J	130 J	88 J	94 J
Thallium	3	21	NS	mg/kg	< 0.88	< 0.94	< 0.98	< 0.97	< 1.0	< 0.99	< 0.86	< 0.98
Vanadium	30	250	NS	mg/kg	11	10	16	11	12	12	11	11
Zinc	8700	75000	NS	mg/kg	15	19	23	17	19	20	16	18
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit		Paint Building - Urethane Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP031 SP31-01 (20141014) 10/14/2014	SP031 SP31-02 (20141014) 10/14/2014	SP032 SP32-01 (20141014) 10/14/2014	SP032 SP32-02 (20141014) 10/14/2014	SP033 SP33-01 (20141015) 10/15/2014	SP033 SP33-02 (20141015) 10/15/2014	SP034 SP34-01 (20141015) 10/15/2014	SP034 SP34-02 (20141015) 10/15/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota**

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP035 SP35-01 (20141015) 10/15/2014	SP035 SP35-02 (20141015) 10/15/2014	SP036 SP36-01 (20141015) 10/15/2014	SP036 SP36-02 (20141015) 10/15/2014	SP037 SP37-01 (20141015) 10/15/2014	SP037 SP37-02 (20141015) 10/15/2014	SP038 SP038_01(20141022) 10/22/2014	SP038 SP038_02(20141022) 10/22/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 0.95	< 1	< 0.98	< 1	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 0.95	< 1	< 0.98	< 1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 0.95	< 1	< 0.98	< 1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53
Benzene	6	10	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Bromobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Bromochloromethane	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Bromodichloromethane	10	17	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Bromoform	370	650	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Bromomethane	0.7	2	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Carbon Disulfide	65	190	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
CFC-11	67	195	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
CFC-12	16	50	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Chlorobenzene	11	32	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Chlorodibromomethane	12	20	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Chloroethane	1000	3000	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Chloroform	2.5	4	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Chloromethane	8	23	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Cyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Dibromomethane	260	1860	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Dichloromethane	97	158	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	0.086 J	< 0.26
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53
Diethyl ether	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP035	SP035	SP036	SP036	SP037	SP037	SP038	SP038
					SP35-01 (20141015) 10/15/2014	SP35-02 (20141015) 10/15/2014	SP36-01 (20141015) 10/15/2014	SP36-02 (20141015) 10/15/2014	SP37-01 (20141015) 10/15/2014	SP37-02 (20141015) 10/15/2014	SP038_01(20141022) 10/22/2014	SP038_02(20141022) 10/22/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Isopropylbenzene	30	87	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Methyl Acetate	NS	NS	NS	mg/kg	0.04 J	0.054 J	0.058 J	0.032 J	0.035 J	0.032 J	0.039 J	0.052 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 0.95	< 1	< 0.98	< 1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.54	< 0.54	< 0.47	< 0.52	< 0.49	< 0.52	< 0.53
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Naphthalene	10	28	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
N-Butylbenzene	30	92	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
N-Propylbenzene	30	93	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
sec-Butylbenzene	25	70	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Styrene (Monomer)	210	600	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
tert-Butylbenzene	30	90	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Tetrachloroethene	72	131	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 0.95	< 1	< 0.98	< 1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Trichloroethene	29	46	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
m,p-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
o-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.27	< 0.27	< 0.24	< 0.26	< 0.25	< 0.26	< 0.26
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	0.0096 J	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.37	0.0093 J	< 0.37	< 0.36	< 0.37	< 0.36	0.0050 J	< 0.36
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.45	< 0.46	< 0.45	< 0.44	< 0.45	< 0.43	< 0.43	< 0.44
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP035 SP35-01 (20141015) 10/15/2014	SP035 SP35-02 (20141015) 10/15/2014	SP036 SP36-01 (20141015) 10/15/2014	SP036 SP36-02 (20141015) 10/15/2014	SP037 SP37-01 (20141015) 10/15/2014	SP037 SP37-02 (20141015) 10/15/2014	SP038 SP038_01(20141022) 10/22/2014	SP038 SP038_02(20141022) 10/22/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.0081 J	0.059 J	0.0074 J	0.018 J	0.01 J	0.0073 J	0.0058 J	< 0.36
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.03 J	0.21 J	0.038 J	0.064 J	0.046 J	0.024 J	0.03 J	0.013 J
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.11 J	0.58	0.14 J	0.18 J	0.18 J	0.089 J	0.11 J	0.055 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.092 J	0.42	0.13 J	0.15 J	0.16 J	0.083 J	0.11 J	0.058 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.13 J	0.74	0.19 J	0.2 J	0.21 J	0.13 J	0.14 J	0.077 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.055 J	0.24 J	0.093 J	0.087 J	0.085 J	0.043 J	0.051 J	0.046 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.044 J	0.21 J	0.05 J	0.077 J	0.086 J	0.038 J	0.054 J	0.027 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.025 J	< 0.38	0.069 J	< 0.36	0.084 J	< 0.36	< 0.36	< 0.36
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	0.015 J	< 0.36	< 0.36
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Carbazole	700	1310	NS	mg/kg	< 0.37	0.14 J	0.032 J	0.049 J	0.035 J	< 0.36	< 0.36	< 0.36
Chrysene	NS	NS	NS	mg/kg	0.11 J	0.57	0.13 J	0.17 J	0.17 J	0.098 J	0.11 J	0.059 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.013 J	0.05 J	0.021 J	0.02 J	0.019 J	0.01 J	0.015 J	0.0045 J
Dibenzofuran	104	810	NS	mg/kg	0.0062 J	0.04 J	< 0.37	0.01 J	0.0076 J	< 0.36	< 0.36	< 0.36
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	0.058 J	< 0.36	< 0.36
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.24 J	1.6	0.3 J	0.41	0.36 J	0.19 J	0.24 J	0.12 J
Fluorene	850	4120	NS	mg/kg	0.0068 J	0.068 J	0.0073 J	0.016 J	0.0093 J	0.0048 J	0.0053 J	< 0.36
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.9	< 1.8	< 1.8	< 1.8	< 1.7	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.05 J	0.23 J	0.078 J	0.083 J	0.075 J	0.041 J	0.049 J	0.034 J
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.37	0.018 J	< 0.37	0.0066 J	< 0.37	< 0.36	0.0038 J	< 0.36

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP035	SP035	SP036	SP036	SP037	SP037	SP038	SP038
					SP35-01 (20141015) 10/15/2014	SP35-02 (20141015) 10/15/2014	SP36-01 (20141015) 10/15/2014	SP36-02 (20141015) 10/15/2014	SP37-01 (20141015) 10/15/2014	SP37-02 (20141015) 10/15/2014	SP038_01(20141022) 10/22/2014	SP038_02(20141022) 10/22/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.11 J	0.89	0.14 J	0.24 J	0.16 J	0.081 J	0.1 J	0.052 J
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.38	< 0.37	< 0.36	< 0.37	< 0.36	< 0.36	< 0.36
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.22 J	1.1	0.23 J	0.35 J	0.32 J	0.17 J	0.19 J	0.1 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.1338	0.6298	0.1889	0.2169	0.2275	0.1194	0.1548	0.0804
Metals												
Aluminum	30000	100000	NS	mg/kg	3500	3800	3600	3500	3400	3000	2900	3700
Antimony	12	100	NS	mg/kg	< 0.99	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	< 0.89	< 0.84
Arsenic	9	20	NS	mg/kg	2.3	2.5	2.9	3.4	3.5	2.7	3.8	2.1
Barium	1100	18000	NS	mg/kg	26	29	39	46	42	30	37	28
Beryllium	55	230	NS	mg/kg	0.23 J	0.26 J	0.24 J	0.26 J	0.26 J	0.20 J	0.23 J	0.18 J
Cadmium	25	200	NS	mg/kg	0.072 J	0.072 J	0.087 J	0.087 J	0.082 J	0.077 J	0.12 J	0.13 J
Calcium	NS	NS	NS	mg/kg	13000	17000	13000	18000	18000	17000	11000 J	12000
Chromium**	87/44000**	650/100000**	NS	mg/kg	8.5	9.6	9.9	8.6	7.2	7.8	7.0	13
Cobalt	600	2600	NS	mg/kg	5.4	6.1	5.6	6.5	5.5	4.7 J	5.1	6.8
Copper	100	9000	NS	mg/kg	8.9	11	9.6	11	12	8.9	12	10
Iron	9000	75000	NS	mg/kg	8600	10000	10000	10000	9600	8400	16000	10000
Lead	300	700	NS	mg/kg	3.2	3.6	3.6	3.6	4.3	3.2	4.7	4.2
Magnesium	NS	NS	NS	mg/kg	5700	6900	4500	6800	7800	5700	4600	5300
Manganese	3600	8100	NS	mg/kg	260	300	390	400	410	300	420	280
Mercury	0.5	1.5	NS	mg/kg	< 0.12	< 0.11	< 0.10	< 0.11	< 0.11	< 0.11	< 0.11	< 0.12
Nickel	560	2500	NS	mg/kg	13	14	15	16	13	12	14	16
Potassium	NS	NS	NS	mg/kg	860	940	540 J	590	500 J	470 J	480	360 J
Selenium	160	1300	NS	mg/kg	< 0.49	< 0.57	< 0.55	< 0.50	< 0.53	< 0.51	< 0.44	< 0.42
Silver	160	1300	NS	mg/kg	< 0.49	< 0.57	< 0.55	< 0.50	< 0.53	< 0.51	< 0.44	< 0.42
Sodium	NS	NS	NS	mg/kg	95 J	120 J	100 J	130 J	98 J	110 J	71 J	70 J
Thallium	3	21	NS	mg/kg	< 0.99	< 1.1	< 1.1	< 1.0	< 1.1	< 1.0	0.20 J	0.11 J
Vanadium	30	250	NS	mg/kg	9.6	15	15	15	14	12	15	14
Zinc	8700	75000	NS	mg/kg	19	21	22	22	38	20	26 J	23
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Paint Building		Paint Building		Paint Building	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP035 SP35-01 (20141015) 10/15/2014	SP035 SP35-02 (20141015) 10/15/2014	SP036 SP36-01 (20141015) 10/15/2014	SP036 SP36-02 (20141015) 10/15/2014	SP037 SP37-01 (20141015) 10/15/2014	SP037 SP37-02 (20141015) 10/15/2014	SP038 SP038_01(20141022) 10/22/2014	SP038 SP038_02(20141022) 10/22/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Fan Farm/Paint Building		Fan Farm/Paint Building		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP039 SP039_01(20141023) 10/23/2014	SP039 SP039_02(20141023) 10/23/2014	SP040 SP040_01(20141023) 10/23/2014	SP040 SP040_02(20141023) 10/23/2014	SP041 SP041_01(20141023) 10/23/2014	SP041 SP041_02(20141023) 10/23/2014	SP042 SP042_01(20141024) 10/24/2014	SP042 SP042_02(20141024) 10/24/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 0.97	< 1	< 1	< 1	< 1.1	< 1	< 0.98
2-Chlorotoluene	436	436	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 0.97	< 1	< 1	< 1	< 1.1	< 1	< 0.98
Acetone	340	1000	NS	mg/kg	< 1.1	< 0.97	< 1	< 1	< 1	< 1.1	< 1	< 0.98
Allyl chloride	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49
Benzene	6	10	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Bromobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Bromochloromethane	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Bromodichloromethane	10	17	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Bromoform	370	650	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Bromomethane	0.7	2	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Carbon Disulfide	65	190	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
CFC-11	67	195	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
CFC-12	16	50	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Chlorobenzene	11	32	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Chlorodibromomethane	12	20	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Chloroethane	1000	3000	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Chloroform	2.5	4	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Chloromethane	8	23	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Cyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Dibromomethane	260	1860	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Dichloromethane	97	158	NS	mg/kg	0.089 J	0.099 J	< 0.25	< 0.25	< 0.25	< 0.26	0.2 J	0.26
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49
Diethyl ether	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49

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St. Paul, Minnesota

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					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP039 SP039_01(20141023) 10/23/2014	SP039 SP039_02(20141023) 10/23/2014	SP040 SP040_01(20141023) 10/23/2014	SP040 SP040_02(20141023) 10/23/2014	SP041 SP041_01(20141023) 10/23/2014	SP041 SP041_02(20141023) 10/23/2014	SP042 SP042_01(20141024) 10/24/2014	SP042 SP042_02(20141024) 10/24/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Isopropylbenzene	30	87	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Methyl Acetate	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	0.042 J	< 0.52	< 0.49
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 0.97	< 1	< 1	< 1	< 1.1	< 1	< 0.98
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.49	< 0.5	< 0.5	< 0.5	< 0.53	< 0.52	< 0.49
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Naphthalene	10	28	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
N-Butylbenzene	30	92	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
N-Propylbenzene	30	93	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
sec-Butylbenzene	25	70	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Styrene (Monomer)	210	600	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
tert-Butylbenzene	30	90	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Tetrachloroethene	72	131	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 0.97	< 1	< 1	< 1	< 1.1	< 1	< 0.98
Toluene	107	305	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Trichloroethene	29	46	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
m,p-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
o-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.24	< 0.25	< 0.25	< 0.25	< 0.26	< 0.26	< 0.24
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.45	< 0.45	< 0.42	< 0.43	< 0.45	< 0.45	< 0.42	< 0.42
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Fan Farm/Paint Building		Fan Farm/Paint Building		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP039 SP039_01(20141023) 10/23/2014	SP039 SP039_02(20141023) 10/23/2014	SP040 SP040_01(20141023) 10/23/2014	SP040 SP040_02(20141023) 10/23/2014	SP041 SP041_01(20141023) 10/23/2014	SP041 SP041_02(20141023) 10/23/2014	SP042 SP042_01(20141024) 10/24/2014	SP042 SP042_02(20141024) 10/24/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	0.014 J	< 0.35	< 0.35
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	< 0.37	< 0.37	< 0.35	0.0047 J	< 0.38	0.062 J	< 0.35	< 0.35
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.0050 J	0.01 J	0.0061 J	0.03 J	0.0035 J	0.21 J	< 0.35	< 0.35
Benzo(a)pyrene	2	3	NS	mg/kg	< 0.37	0.0090 J	0.0045 J	0.032 J	0.0024 J	0.18 J	< 0.35	< 0.35
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.0053 J	0.012 J	0.0068 J	0.046 J	0.0025 J	0.22 J	< 0.35	< 0.35
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	< 0.37	0.01 J	< 0.35	0.023 J	< 0.38	0.086 J	< 0.35	< 0.35
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	< 0.37	0.0055 J	< 0.35	0.015 J	< 0.38	0.1 J	< 0.35	< 0.35
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Carbazole	700	1310	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	0.04 J	< 0.35	< 0.35
Chrysene	NS	NS	NS	mg/kg	0.0039 J	0.01 J	0.0063 J	0.029 J	0.0025 J	0.21 J	< 0.35	< 0.35
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	0.0064 J	< 0.38	0.025 J	< 0.35	< 0.35
Dibenzofuran	104	810	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	0.0039 J	< 0.35	< 0.35
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.0079 J	0.021 J	0.011 J	0.06 J	0.0059 J	0.48	< 0.35	0.0041 J
Fluorene	850	4120	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	0.0095 J	< 0.35	< 0.35
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.8	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	< 0.37	0.0063 J	0.0029 J	0.02 J	< 0.38	0.083 J	< 0.35	< 0.35
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Fan Farm/Paint Building		Fan Farm/Paint Building		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP039	SP039	SP040	SP040	SP041	SP041	SP042	SP042
					SP039_01(20141023) 10/23/2014	SP039_02(20141023) 10/23/2014	SP040_01(20141023) 10/23/2014	SP040_02(20141023) 10/23/2014	SP041_01(20141023) 10/23/2014	SP041_02(20141023) 10/23/2014	SP042_01(20141024) 10/24/2014	SP042_02(20141024) 10/24/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.0047 J	0.0088 J	0.0047 J	0.019 J	0.0033 J	0.2 J	< 0.35	< 0.35
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.37	< 0.35	< 0.35	< 0.38	< 0.37	< 0.35	< 0.35
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.0071 J	0.019 J	0.0092 J	0.053 J	0.0055 J	0.39	< 0.35	0.0040 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0011	0.0125	0.0061	0.0470	0.0030	0.2574	ND	ND
Metals												
Aluminum	30000	100000	NS	mg/kg	3200	2500	2100	2100	4700	3700	1800	1600
Antimony	12	100	NS	mg/kg	< 1.0	< 0.96	< 0.91	< 0.94	< 1.0	< 0.85	< 0.93 J	< 0.87
Arsenic	9	20	NS	mg/kg	2.6	2.1	1.8	1.7	2.9	2.6	1.5	1.4
Barium	1100	18000	NS	mg/kg	35	43	28	28	24	27	22	21
Beryllium	55	230	NS	mg/kg	0.17 J	0.16 J	0.14 J	0.13 J	0.35 J	0.27 J	0.11 J	0.10 J
Cadmium	25	200	NS	mg/kg	0.091 J	0.11 J	0.10 J	0.079 J	0.067 J	0.083 J	0.050 J	0.052 J
Calcium	NS	NS	NS	mg/kg	21000	17000	30000	14000	19000	15000	12000 J	14000
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.7	5.9	5.3	5.6	10	7.6	4.3	4.6
Cobalt	600	2600	NS	mg/kg	4.3 J	4.1 J	2.6 J	2.9 J	9.2	6.8	2.1 J	2.2 J
Copper	100	9000	NS	mg/kg	6.5	3.8	4.7	5.0	13	9.0	4.6	4.9
Iron	9000	75000	NS	mg/kg	7400	6700	6300	6300	11000	7900	4900	5300
Lead	300	700	NS	mg/kg	2.8	3.0	2.3	2.2	2.2	2.2	1.7	1.6
Magnesium	NS	NS	NS	mg/kg	6600	4500	15000	4300	7300	4900	4100	4700
Manganese	3600	8100	NS	mg/kg	280	380	260	220	200	240	160 J	160
Mercury	0.5	1.5	NS	mg/kg	< 0.12	< 0.12	< 0.12	< 0.10	< 0.11	< 0.10	< 0.11	< 0.12
Nickel	560	2500	NS	mg/kg	9.9	10	7.3	7.9	18	14	5.9	5.7
Potassium	NS	NS	NS	mg/kg	650	500	320 J	330 J	2400	1700	260 J	230 J
Selenium	160	1300	NS	mg/kg	< 0.51	< 0.48	< 0.46	< 0.47	< 0.52	< 0.42	< 0.47	< 0.44
Silver	160	1300	NS	mg/kg	< 0.51	< 0.48	< 0.46	< 0.47	< 0.52	< 0.42	< 0.47	< 0.44
Sodium	NS	NS	NS	mg/kg	90 J	60 J	110 J	79 J	75 J	75 J	98 J	41 J
Thallium	3	21	NS	mg/kg	< 1.0	< 0.96	< 0.91	< 0.94	< 1.0	< 0.85	< 0.93	< 0.87
Vanadium	30	250	NS	mg/kg	12	10	12	11	6.7	7.2	8.6	9.3
Zinc	8700	75000	NS	mg/kg	17	16	14	14	18	16	11 J	11
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building		Fan Farm/Paint Building		Fan Farm/Paint Building		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP039 SP039_01(20141023) 10/23/2014	SP039 SP039_02(20141023) 10/23/2014	SP040 SP040_01(20141023) 10/23/2014	SP040 SP040_02(20141023) 10/23/2014	SP041 SP041_01(20141023) 10/23/2014	SP041 SP041_02(20141023) 10/23/2014	SP042 SP042_01(20141024) 10/24/2014	SP042 SP042_02(20141024) 10/24/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit			
					Excavated Material		Excavated Material		Excavated Material			
					SP043 SP043_01(20141024) 10/24/2014	SP043 SP043_02(20141024) 10/24/2014	SP044 SP044_01(20141023) 10/23/2014	SP044 SP044_02(20141023) 10/23/2014	SP046 SP046_01(20141024) 10/24/2014	SP046 SP046_02(20141024) 10/24/2014	SP046 SP046_03(20141028) 10/28/2014	SP046 SP046_04(20141028) 10/28/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	0.011 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.95	< 0.98	< 0.91	< 1	NA	NA	< 1.1	< 1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.95	< 0.98	< 0.91	< 1	NA	NA	< 1.1	< 1
Acetone	340	1000	NS	mg/kg	< 0.95	< 0.98	< 0.91	< 1	NA	NA	< 1.1	< 1
Allyl chloride	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
Benzene	6	10	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Bromobenzene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Bromochloromethane	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Bromodichloromethane	10	17	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Bromoform	370	650	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Bromomethane	0.7	2	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Carbon Disulfide	65	190	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
CFC-11	67	195	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
CFC-12	16	50	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Chlorobenzene	11	32	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Chlorodibromomethane	12	20	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Chloroethane	1000	3000	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Chloroform	2.5	4	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Chloromethane	8	23	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Cyclohexane	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Dibromomethane	260	1860	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Dichloromethane	97	158	NS	mg/kg	0.21 J	0.24 J	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
Diethyl ether	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit			
					Excavated Material		Excavated Material		Excavated Material			
					SP043	SP043	SP044	SP044	SP046	SP046	SP046	SP046
					SP043_01(20141024) 10/24/2014	SP043_02(20141024) 10/24/2014	SP044_01(20141023) 10/23/2014	SP044_02(20141023) 10/23/2014	SP046_01(20141024) 10/24/2014	SP046_02(20141024) 10/24/2014	SP046_03(20141028) 10/28/2014	SP046_04(20141028) 10/28/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Isopropylbenzene	30	87	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Methyl Acetate	NS	NS	NS	mg/kg	< 0.47	0.056 J	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.95	< 0.98	< 0.91	< 1	NA	NA	< 1.1	< 1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.47	< 0.49	< 0.46	< 0.51	NA	NA	< 0.55	< 0.51
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Naphthalene	10	28	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
N-Butylbenzene	30	92	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
N-Propylbenzene	30	93	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
sec-Butylbenzene	25	70	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Styrene (Monomer)	210	600	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
tert-Butylbenzene	30	90	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Tetrachloroethene	72	131	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.95	< 0.98	< 0.91	< 1	NA	NA	< 1.1	< 1
Toluene	107	305	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Trichloroethene	29	46	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
m,p-Xylene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
o-Xylene	NS	NS	NS	mg/kg	< 0.24	< 0.25	< 0.23	< 0.26	NA	NA	< 0.28	< 0.25
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	NA	NA	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Methylphenol	75	352	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.42	< 0.42	< 0.43	< 0.44	< 0.45	< 0.44	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit			
					Excavated Material		Excavated Material		Excavated Material			
					SP043	SP043	SP044	SP044	SP046	SP046	SP046	SP046
					SP043_01(20141024)	SP043_02(20141024)	SP044_01(20141023)	SP044_02(20141023)	SP046_01(20141024)	SP046_02(20141024)	SP046_03(20141028)	SP046_04(20141028)
				10/24/2014	10/24/2014	10/23/2014	10/23/2014	10/24/2014	10/24/2014	10/28/2014	10/28/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Acetophenone	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0056 J	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Atrazine	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.021 J	0.0061 J	< 0.35	0.0064 J	0.012 J	0.015 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	0.02 J	0.0058 J	< 0.35	0.0057 J	0.0092 J	0.011 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.025 J	0.0091 J	< 0.35	0.0073 J	0.017 J	0.014 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.014 J	0.0040 J	< 0.35	0.0043 J	0.0075 J	0.0092 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.013 J	< 0.35	< 0.35	< 0.36	0.0040 J	0.0059 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Carbazole	700	1310	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Chrysene	NS	NS	NS	mg/kg	0.02 J	0.0083 J	< 0.35	0.0054 J	0.011 J	0.016 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.0040 J	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Dibenzofuran	104	810	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.047 J	0.0094 J	0.0041 J	0.012 J	0.018 J	0.025 J	NA	NA
Fluorene	850	4120	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7 J	< 1.7	< 1.7	< 1.8	< 1.8	< 1.7	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.012 J	0.0042 J	< 0.35	< 0.36	< 0.37	0.0075 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit			
					Excavated Material		Excavated Material		Excavated Material			
					SP043 SP043_01(20141024) 10/24/2014	SP043 SP043_02(20141024) 10/24/2014	SP044 SP044_01(20141023) 10/23/2014	SP044 SP044_02(20141023) 10/23/2014	SP046 SP046_01(20141024) 10/24/2014	SP046 SP046_02(20141024) 10/24/2014	SP046 SP046_03(20141028) 10/28/2014	SP046 SP046_04(20141028) 10/28/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.35 J	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.019 J	0.0036 J	< 0.35	0.0045 J	0.0075 J	0.0087 J	NA	NA
Phenol	1500	20203	NS	mg/kg	< 0.35	< 0.35	< 0.35	< 0.36	< 0.37	< 0.36	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.041 J	0.011 J	0.0039 J	0.013 J	0.021 J	0.027 J	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0295	0.0078	ND	0.0071	0.0126	0.0154	ND	ND
Metals												
Aluminum	30000	100000	NS	mg/kg	2600	2300	2500	2700	2300	2900	NA	NA
Antimony	12	100	NS	mg/kg	< 0.85	< 0.96	< 0.96	< 0.99	< 1.0	< 1.0	NA	NA
Arsenic	9	20	NS	mg/kg	1.8	1.4	1.9	2.4	1.6	2.2	NA	NA
Barium	1100	18000	NS	mg/kg	21	22	26	25	26	26	NA	NA
Beryllium	55	230	NS	mg/kg	0.13 J	0.14 J	0.17 J	0.19 J	0.13 J	0.18 J	NA	NA
Cadmium	25	200	NS	mg/kg	0.035 J	0.046 J	0.093 J	0.071 J	0.065 J	0.072 J	NA	NA
Calcium	NS	NS	NS	mg/kg	13000	15000	29000	35000	18000	24000	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	11	6.4	8.2	7.6	5.2	6.6	NA	NA
Cobalt	600	2600	NS	mg/kg	3.0 J	2.6 J	2.8 J	5.1	3.0 J	4.2 J	NA	NA
Copper	100	9000	NS	mg/kg	8.1	6.7	5.3	6.4	6.1	6.8	NA	NA
Iron	9000	75000	NS	mg/kg	8400	6600	8500	8900	6000	6900	NA	NA
Lead	300	700	NS	mg/kg	1.8	1.7	2.2	2.1	2.0	2.1	NA	NA
Magnesium	NS	NS	NS	mg/kg	4200	4900	12000	8400	5000	6000	NA	NA
Manganese	3600	8100	NS	mg/kg	160	150	290	330	220	220	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.093	< 0.11	< 0.099	< 0.099	< 0.11	< 0.10	NA	NA
Nickel	560	2500	NS	mg/kg	7.5	7.1	8.0	11	7.8	9.0	NA	NA
Potassium	NS	NS	NS	mg/kg	440	350 J	570	490 J	420 J	860	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.43	< 0.48	< 0.48	< 0.50	< 0.51	< 0.51	NA	NA
Silver	160	1300	NS	mg/kg	< 0.43	< 0.48	< 0.48	< 0.50	< 0.51	< 0.51	NA	NA
Sodium	NS	NS	NS	mg/kg	50 J	56 J	84 J	74 J	48 J	53 J	NA	NA
Thallium	3	21	NS	mg/kg	< 0.85	0.12 J	< 0.96	< 0.99	< 1.0	< 1.0	NA	NA
Vanadium	30	250	NS	mg/kg	13	10	13	10	11	11	NA	NA
Zinc	8700	75000	NS	mg/kg	14	14	20	16	14	15	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit			
					Excavated Material		Excavated Material		Excavated Material			
					SP043 SP043_01(20141024) 10/24/2014	SP043 SP043_02(20141024) 10/24/2014	SP044 SP044_01(20141023) 10/23/2014	SP044 SP044_02(20141023) 10/23/2014	SP046 SP046_01(20141024) 10/24/2014	SP046 SP046_02(20141024) 10/24/2014	SP046 SP046_03(20141028) 10/28/2014	SP046 SP046_04(20141028) 10/28/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP047 SP47_01(20141027) 10/27/2014	SP047 SP47_02(20141027) 10/27/2014	SP048 SP48_01(20141027) 10/27/2014	SP048 SP48_02(20141027) 10/27/2014	SP049 SP49_01(20141027) 10/27/2014	SP049 SP49_02(20141027) 10/27/2014	SP050 SP50_01(20141027) 10/27/2014	SP050 SP50_02(20141027) 10/27/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.13	< 0.25	0.0047 J	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.54	< 1	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.54	< 1	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1
Acetone	340	1000	NS	mg/kg	< 0.54	< 1	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1
Allyl chloride	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
Benzene	6	10	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Bromobenzene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Bromochloromethane	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Bromodichloromethane	10	17	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Bromoform	370	650	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Bromomethane	0.7	2	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Carbon Disulfide	65	190	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
CFC-11	67	195	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
CFC-12	16	50	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Chlorobenzene	11	32	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Chlorodibromomethane	12	20	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Chloroethane	1000	3000	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Chloroform	2.5	4	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Chloromethane	8	23	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Cyclohexane	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Dibromomethane	260	1860	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Dichloromethane	97	158	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
Diethyl ether	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP047	SP047	SP048	SP048	SP049	SP049	SP050	SP050
					SP47_01(20141027)	SP47_02(20141027)	SP48_01(20141027)	SP48_02(20141027)	SP49_01(20141027)	SP49_02(20141027)	SP50_01(20141027)	SP50_02(20141027)
				10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	
Ethylbenzene	200	200	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Isopropylbenzene	30	87	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Methyl Acetate	NS	NS	NS	mg/kg	< 0.27	< 0.5	0.027 J	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.54	< 1	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.27	< 0.5	< 0.49	< 0.52	< 0.54	< 0.56	< 0.54	< 0.52
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Naphthalene	10	28	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
N-Butylbenzene	30	92	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
N-Propylbenzene	30	93	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
sec-Butylbenzene	25	70	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Styrene (Monomer)	210	600	NS	mg/kg	< 0.13	< 0.25	0.0067 J	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
tert-Butylbenzene	30	90	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Tetrachloroethene	72	131	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.54	< 1	< 0.99	< 1	< 1.1	< 1.1	< 1.1	< 1
Toluene	107	305	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Trichloroethene	29	46	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
m,p-Xylene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
o-Xylene	NS	NS	NS	mg/kg	< 0.13	< 0.25	< 0.25	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Methylphenol	75	352	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.42	< 0.42	< 0.41	< 0.44	< 0.43	< 0.42	< 0.42	< 0.41
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCPLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP047	SP047	SP048	SP048	SP049	SP049	SP050	SP050
					SP47_01(20141027)	SP47_02(20141027)	SP48_01(20141027)	SP48_02(20141027)	SP49_01(20141027)	SP49_02(20141027)	SP50_01(20141027)	SP50_02(20141027)
				10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Acenaphthylene	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Acetophenone	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	< 0.35	< 0.34	< 0.34	0.0041 J	0.0051 J	< 0.35	< 0.35	< 0.34
Atrazine	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Benzaldehyde	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.011 J	0.013 J	0.028 J	0.012 J	0.0088 J	0.0043 J
Benzo(a)pyrene	2	3	NS	mg/kg	< 0.35	< 0.34	0.0093 J	0.0099 J	0.021 J	0.01 J	0.0089 J	0.0036 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.011 J	0.013 J	0.034 J	0.017 J	0.011 J	0.0060 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.0045 J	0.0061 J	0.016 J	0.0077 J	0.0081 J	< 0.34
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.0043 J	0.0061 J	0.016 J	0.0036 J	0.0064 J	< 0.34
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.044 J	0.048 J	0.055 J	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Caprolactam	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Carbazole	700	1310	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Chrysene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.0067 J	0.011 J	0.025 J	0.011 J	0.0097 J	0.0050 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Dibenzofuran	104	810	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.0049 J	0.0040 J	0.021 J	0.024 J	0.053 J	0.028 J	0.024 J	0.0071 J
Fluorene	850	4120	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Hexachlorobenzene	5	9	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.6
Hexachloroethane	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.0051 J	0.0058 J	0.014 J	0.0054 J	0.0051 J	< 0.34
Isophorone	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP047	SP047	SP048	SP048	SP049	SP049	SP050	SP050
					SP47_01(20141027)	SP47_02(20141027)	SP48_01(20141027)	SP48_02(20141027)	SP49_01(20141027)	SP49_02(20141027)	SP50_01(20141027)	SP50_02(20141027)
				10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	
Nitrobenzene	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35 J	< 0.34
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	< 0.35	< 0.34	0.0096 J	0.013 J	0.018 J	0.011 J	0.0099 J	< 0.34
Phenol	1500	20203	NS	mg/kg	< 0.35	< 0.34	< 0.34	< 0.37	< 0.35	< 0.35	< 0.35	< 0.34
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.0037 J	0.0037 J	0.017 J	0.025 J	0.046 J	0.024 J	0.019 J	0.0083 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	0.0125	0.0138	0.0305	0.0139	0.0121	0.0047
Metals												
Aluminum	30000	100000	NS	mg/kg	1700	2000	2400	2700	2700	2500	2800	2000
Antimony	12	100	NS	mg/kg	< 0.97 J	< 0.88	< 0.87	< 1.0	< 0.97	< 0.91	< 0.79	< 0.83
Arsenic	9	20	NS	mg/kg	2.2	1.7	1.9	1.8	2.2	1.8	2.7	1.6
Barium	1100	18000	NS	mg/kg	29	23	31	21	34	23	20	24
Beryllium	55	230	NS	mg/kg	0.11 J	0.12 J	0.15 J	0.18 J	0.17 J	0.14 J	0.14 J	0.13 J
Cadmium	25	200	NS	mg/kg	0.099 J	0.062 J	0.081 J	0.049 J	0.073 J	0.060 J	0.047 J	0.069 J
Calcium	NS	NS	NS	mg/kg	18000	18000	22000	15000	14000	17000	36000	19000
Chromium**	87/44000**	650/100000**	NS	mg/kg	4.9	6.5	7.8	5.9	6.3	6.5	5.9	5.8
Cobalt	600	2600	NS	mg/kg	2.6 J	2.5 J	4.3 J	4.2 J	4.0 J	3.9 J	4.5	3.7 J
Copper	100	9000	NS	mg/kg	5.2	4.7	7.8	7.1	5.9	7.5	7.7	6.1
Iron	9000	75000	NS	mg/kg	6000	5600	7100	6400	6700	6800	7100	6200
Lead	300	700	NS	mg/kg	1.9	1.9	2.2	1.5	2.4	2.0	1.7	1.8
Magnesium	NS	NS	NS	mg/kg	6700 J	4800	6700	3900	5000	5700	7600	7000
Manganese	3600	8100	NS	mg/kg	270	190	460	180	240	230	270	230
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.12	< 0.11	< 0.10	< 0.097	< 0.11	< 0.12	< 0.091
Nickel	560	2500	NS	mg/kg	6.8	6.4	11	8.0	9.4	8.9	9.5	7.4
Potassium	NS	NS	NS	mg/kg	240 J	370 J	340 J	810	550	620	740	280 J
Selenium	160	1300	NS	mg/kg	0.39 J	< 0.44	0.39 J	< 0.52	< 0.49	< 0.46	< 0.40	< 0.41
Silver	160	1300	NS	mg/kg	< 0.49	< 0.44	< 0.44	< 0.52	< 0.49	< 0.46	< 0.40	< 0.41
Sodium	NS	NS	NS	mg/kg	78 J	55 J	72 J	65 J	88 J	56 J	120 J	57 J
Thallium	3	21	NS	mg/kg	< 0.97	< 0.88	< 0.87	< 1.0	< 0.97	< 0.91	< 0.79	< 0.83
Vanadium	30	250	NS	mg/kg	10	12	13	11	11	9.6	12	11
Zinc	8700	75000	NS	mg/kg	11	11	15	14	16	15	14	12
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit		Paint Building - Enamel Booth Pit	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP047 SP47_01(20141027) 10/27/2014	SP047 SP47_02(20141027) 10/27/2014	SP048 SP48_01(20141027) 10/27/2014	SP048 SP48_02(20141027) 10/27/2014	SP049 SP49_01(20141027) 10/27/2014	SP049 SP49_02(20141027) 10/27/2014	SP050 SP50_01(20141027) 10/27/2014	SP050 SP50_02(20141027) 10/27/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material	
					SP051	SP051	SP053	SP053	SP054	SP054	SP055	SP055
					SP051_1(20141107)	SP051_2(20141107)	SP053_1(20141107)	SP053_2(20141107)	SP054_1(20141107)	SP054_2(20141107)	SP055_1(20141107)	SP055_2(20141107)
					11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1	< 1	< 1.1	< 0.93	< 1	< 1.1	< 1	< 0.96
2-Chlorotoluene	436	436	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1	< 1	< 1.1	< 0.93	< 1	< 1.1	< 1	< 0.96
Acetone	340	1000	NS	mg/kg	< 1	< 1	< 1.1	< 0.93	< 1	< 1.1	< 1	< 0.96
Allyl chloride	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48
Benzene	6	10	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Bromobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Bromochloromethane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Bromodichloromethane	10	17	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Bromoform	370	650	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Bromomethane	0.7	2	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Carbon Disulfide	65	190	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
CFC-11	67	195	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
CFC-12	16	50	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Chlorobenzene	11	32	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Chlorodibromomethane	12	20	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Chloroethane	1000	3000	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Chloroform	2.5	4	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Chloromethane	8	23	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Cyclohexane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Dibromomethane	260	1860	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Dichloromethane	97	158	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48
Diethyl ether	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material	
					SP051 SP051_1(20141107)	SP051 SP051_2(20141107)	SP053 SP053_1(20141107)	SP053 SP053_2(20141107)	SP054 SP054_1(20141107)	SP054 SP054_2(20141107)	SP055 SP055_1(20141107)	SP055 SP055_2(20141107)
					11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	0.0061 J	< 0.24
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Isopropylbenzene	30	87	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Methyl Acetate	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	0.046 J	< 0.52	< 0.54	0.05 J	< 0.48
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1	< 1	< 1.1	< 0.93	< 1	< 1.1	< 1	< 0.96
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.55	< 0.46	< 0.52	< 0.54	< 0.51	< 0.48
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Naphthalene	10	28	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
N-Butylbenzene	30	92	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
N-Propylbenzene	30	93	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
sec-Butylbenzene	25	70	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Styrene (Monomer)	210	600	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
tert-Butylbenzene	30	90	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Tetrachloroethene	72	131	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1	< 1	< 1.1	< 0.93	< 1	< 1.1	< 1	< 0.96
Toluene	107	305	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Trichloroethene	29	46	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	< 0.26	< 0.24
m,p-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	0.021 J	< 0.24
o-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.28	< 0.23	< 0.26	< 0.27	0.012 J	< 0.24
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	0.033 J	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Methylphenol	75	352	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.42	< 0.42	< 0.43	< 0.44	< 0.42	< 0.42	< 0.42	< 0.42
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCPL Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material	
					SP051	SP051	SP053	SP053	SP054	SP054	SP055	SP055
					SP051_1(20141107)	SP051_2(20141107)	SP053_1(20141107)	SP053_2(20141107)	SP054_1(20141107)	SP054_2(20141107)	SP055_1(20141107)	SP055_2(20141107)
					11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	0.0087 J
Acenaphthylene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Acetophenone	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	< 0.34	0.0016 J	< 0.35	< 0.36	< 0.35	< 0.35	0.0074 J	0.033 J
Atrazine	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Benzaldehyde	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.0039 J	< 0.35	0.0052 J	0.0095 J	0.0035 J	< 0.35	0.032 J	0.19 J
Benzo(a)pyrene	2	3	NS	mg/kg	< 0.34	0.0057 J	0.0044 J	0.0090 J	< 0.35	< 0.35	0.025 J	0.17 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	< 0.34	0.0075 J	0.0057 J	0.013 J	0.0039 J	< 0.35	0.034 J	0.2 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	0.015 J	0.071 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	< 0.34	< 0.35	0.0031 J	0.0050 J	< 0.35	< 0.35	0.017 J	0.094 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Caprolactam	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Carbazole	700	1310	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Chrysene	NS	NS	NS	mg/kg	< 0.34	< 0.35	0.0050 J	0.0099 J	0.0033 J	< 0.35	0.031 J	0.19 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Dibenzofuran	104	810	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Di-n-octyl phthalate	520	3700	NS	mg/kg	0.023 J	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.0061 J	0.014 J	0.011 J	0.021 J	0.0072 J	0.0038 J	0.062 J	0.33 J
Fluorene	850	4120	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	0.0064 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Hexachlorobenzene	5	9	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	0.016 J	0.063 J
Isophorone	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material	
					SP051 SP051_1(20141107) 11/07/2014	SP051 SP051_2(20141107) 11/07/2014	SP053 SP053_1(20141107) 11/07/2014	SP053 SP053_2(20141107) 11/07/2014	SP054 SP054_1(20141107) 11/07/2014	SP054 SP054_2(20141107) 11/07/2014	SP055 SP055_1(20141107) 11/07/2014	SP055 SP055_2(20141107) 11/07/2014
					Nitrobenzene	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35 J
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	< 0.34	0.0065 J	0.0048 J	0.0096 J	0.0035 J	< 0.35	0.025 J	0.11 J
Phenol	1500	20203	NS	mg/kg	< 0.34	< 0.35	< 0.35	< 0.36	< 0.35	< 0.35	< 0.35	< 0.35
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.0053 J	0.012 J	0.0082 J	0.017 J	0.0062 J	< 0.35	0.055 J	0.29 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	0.0065	0.0059	0.0118	0.0008	ND	0.0352	0.2266
Metals												
Aluminum	30000	100000	NS	mg/kg	2200	3200	1900	3100	2300	2500	2100	2200
Antimony	12	100	NS	mg/kg	< 0.81	< 0.87	< 0.95	< 1.0	< 0.81	< 0.98	< 0.72	< 0.84
Arsenic	9	20	NS	mg/kg	1.5	1.7	1.6	2.4	1.7	3.4	2.2	1.4
Barium	1100	18000	NS	mg/kg	23	27	23	28	25	25	35	19
Beryllium	55	230	NS	mg/kg	0.12 J	0.15 J	0.11 J	0.19 J	0.12 J	0.15 J	0.11 J	0.12 J
Cadmium	25	200	NS	mg/kg	0.045 J	0.062 J	0.039 J	0.048 J	0.067 J	0.085 J	0.060 J	0.058 J
Calcium	NS	NS	NS	mg/kg	14000	13000	16000	12000	18000	9700	38000	19000
Chromium**	87/44000**	650/100000**	NS	mg/kg	13	6.3	5.1	7.9	6.1	6.2	6.3	6.1
Cobalt	600	2600	NS	mg/kg	2.7 J	3.8 J	2.9 J	4.0 J	3.2 J	3.8 J	3.5 J	3.0 J
Copper	100	9000	NS	mg/kg	5.5	6.6	4.9	6.7	6.2	6.6	6.9	6.0
Iron	9000	75000	NS	mg/kg	5600	6600	5400	7700	6500	8000	8100	6400
Lead	300	700	NS	mg/kg	1.7	1.8	1.6	2.7	1.9	2.8	1.9	1.5
Magnesium	NS	NS	NS	mg/kg	3900	5400	4300	4500	4600	3400	17000	7500
Manganese	3600	8100	NS	mg/kg	220	240	180	210	290	230	400	180
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.12	0.016 J	< 0.11	0.017 J	< 0.11	0.015 J	< 0.11
Nickel	560	2500	NS	mg/kg	9.4	12	6.8	9.9	7.6	8.9	8.6	6.9
Potassium	NS	NS	NS	mg/kg	280 J	470	350 J	610	340 J	400 J	340 J	320 J
Selenium	160	1300	NS	mg/kg	< 0.40	< 0.43	< 0.48	< 0.50	< 0.41	< 0.49	< 0.36	0.32 J
Silver	160	1300	NS	mg/kg	< 0.40	< 0.43	< 0.48	< 0.50	< 0.41	< 0.49	< 0.36	< 0.42
Sodium	NS	NS	NS	mg/kg	68 J	150 J	60 J	96 J	61 J	61 J	100 J	65 J
Thallium	3	21	NS	mg/kg	< 0.81	< 0.87	< 0.95	< 1.0	< 0.81	< 0.98	< 0.72	< 0.84
Vanadium	30	250	NS	mg/kg	9.5	10	9.1	14	11	15	12	11
Zinc	8700	75000	NS	mg/kg	11	14	11	15	14	15	14	12
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel + Enamel Booth Pit Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel Excavated Material	
					SP051 SP051_1(20141107) 11/07/2014	SP051 SP051_2(20141107) 11/07/2014	SP053 SP053_1(20141107) 11/07/2014	SP053 SP053_2(20141107) 11/07/2014	SP054 SP054_1(20141107) 11/07/2014	SP054 SP054_2(20141107) 11/07/2014	SP055 SP055_1(20141107) 11/07/2014	SP055 SP055_2(20141107) 11/07/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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**Table 5
 Summary of Analytical Results for Soil Retained on Site for Reuse
 Site Decommissioning Remedial Action Implementation Report
 Ford Motor Company
 Twin Cities Assembly Plant
 St. Paul, Minnesota**

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP056 SP056_1(20141107)	SP056 SP056_2(20141107)	SP057 SP057_1(20141107)	SP057 SP057_2(20141107)	SP058 SP058_1(20141107)	SP058 SP058_2(20141107)	SP059 SP059_1(20141107)	SP059 SP059_2(20141107)
					11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014	11/07/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.9	< 0.94	< 1	< 0.89	< 0.95
2-Chlorotoluene	436	436	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.9	< 0.94	< 1	< 0.89	< 0.95
Acetone	340	1000	NS	mg/kg	< 1.1	0.52 J	0.18 J	< 0.9	< 0.94	< 1	< 0.89	< 0.95
Allyl chloride	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48
Benzene	6	10	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Bromobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Bromochloromethane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Bromodichloromethane	10	17	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Bromoform	370	650	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Bromomethane	0.7	2	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Carbon Disulfide	65	190	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
CFC-11	67	195	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
CFC-12	16	50	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Chlorobenzene	11	32	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Chlorodibromomethane	12	20	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Chloroethane	1000	3000	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Chloroform	2.5	4	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Chloromethane	8	23	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Cyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Dibromomethane	260	1860	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Dichloromethane	97	158	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48
Diethyl ether	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCPLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP056 SP056_1(20141107) 11/07/2014	SP056 SP056_2(20141107) 11/07/2014	SP057 SP057_1(20141107) 11/07/2014	SP057 SP057_2(20141107) 11/07/2014	SP058 SP058_1(20141107) 11/07/2014	SP058 SP058_2(20141107) 11/07/2014	SP059 SP059_1(20141107) 11/07/2014	SP059 SP059_2(20141107) 11/07/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Isopropylbenzene	30	87	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Methyl Acetate	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	0.027 J	< 0.47	< 0.52	0.031 J	< 0.48
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.9	< 0.94	< 1	< 0.89	< 0.95
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.54	< 0.52	< 0.45	< 0.47	< 0.52	< 0.44	< 0.48
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Naphthalene	10	28	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
N-Butylbenzene	30	92	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
N-Propylbenzene	30	93	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
sec-Butylbenzene	25	70	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Styrene (Monomer)	210	600	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
tert-Butylbenzene	30	90	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Tetrachloroethene	72	131	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 0.9	< 0.94	< 1	< 0.89	< 0.95
Toluene	107	305	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Trichloroethene	29	46	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
m,p-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
o-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.26	< 0.22	< 0.23	< 0.26	< 0.22	< 0.24
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Methylphenol	75	352	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.43	< 0.42	< 0.43	< 0.42	< 0.43	< 0.41	< 0.41	< 0.42
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP056 SP056_1(20141107) 11/07/2014	SP056 SP056_2(20141107) 11/07/2014	SP057 SP057_1(20141107) 11/07/2014	SP057 SP057_2(20141107) 11/07/2014	SP058 SP058_1(20141107) 11/07/2014	SP058 SP058_2(20141107) 11/07/2014	SP059 SP059_1(20141107) 11/07/2014	SP059 SP059_2(20141107) 11/07/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Acenaphthylene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Acetophenone	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0040 J	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	0.018 J	< 0.34
Atrazine	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Benzaldehyde	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.019 J	0.0088 J	0.013 J	< 0.34	< 0.35	< 0.34	0.074 J	< 0.34
Benzo(a)pyrene	2	3	NS	mg/kg	0.017 J	0.0070 J	0.012 J	< 0.34	< 0.35	< 0.34	0.072 J	< 0.34
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.022 J	0.0092 J	0.016 J	< 0.34	< 0.35	< 0.34	0.086 J	< 0.34
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.0081 J	< 0.35	0.0061 J	< 0.34	< 0.35	< 0.34	0.045 J	< 0.34
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.012 J	0.0046 J	0.0086 J	< 0.34	< 0.35	< 0.34	0.049 J	< 0.34
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Caprolactam	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Carbazole	700	1310	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Chrysene	NS	NS	NS	mg/kg	0.02 J	0.0075 J	0.015 J	< 0.34	< 0.35	< 0.34	0.077 J	< 0.34
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Dibenzofuran	104	810	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.36	0.023 J	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.038 J	0.017 J	0.028 J	0.0054 J	< 0.35	0.0034 J	0.17 J	0.0056 J
Fluorene	850	4120	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Hexachlorobenzene	5	9	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.012 J	0.0088 J	0.011 J	< 0.34	< 0.35	< 0.34	0.038 J	< 0.34
Isophorone	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP056 SP056_1(20141107) 11/07/2014	SP056 SP056_2(20141107) 11/07/2014	SP057 SP057_1(20141107) 11/07/2014	SP057 SP057_2(20141107) 11/07/2014	SP058 SP058_1(20141107) 11/07/2014	SP058 SP058_2(20141107) 11/07/2014	SP059 SP059_1(20141107) 11/07/2014	SP059 SP059_2(20141107) 11/07/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.014 J	0.0066 J	0.012 J	< 0.34	< 0.35	< 0.34	0.068 J	< 0.34
Phenol	1500	20203	NS	mg/kg	< 0.36	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 0.34
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.032 J	0.014 J	0.023 J	0.0047 J	< 0.35	< 0.34	0.14 J	0.0048 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0237	0.0102	0.0170	ND	ND	ND	0.0975	ND
Metals												
Aluminum	30000	100000	NS	mg/kg	2200	2400	2500	3900	2800	2500	2100	2800
Antimony	12	100	NS	mg/kg	< 0.95 J	< 0.98	< 0.85	< 0.89	< 0.90	< 0.96	< 1.0	< 0.99
Arsenic	9	20	NS	mg/kg	2.0	2.1	2.3	6.3	1.8	1.2	1.7	1.4
Barium	1100	18000	NS	mg/kg	25	24	37	25	18	17 J	23	15 J
Beryllium	55	230	NS	mg/kg	0.13 J	0.12 J	0.16 J	0.12 J	0.19 J	0.13 J	0.12 J	0.11 J
Cadmium	25	200	NS	mg/kg	0.068 J	0.053 J	0.092 J	0.054 J	0.032 J	0.049 J	0.068 J	0.028 J
Calcium	NS	NS	NS	mg/kg	24000	21000	16000	25000	21000	17000	15000	22000
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.0	7.0	7.8	8.9	6.4	12	6.0	9.8 J
Cobalt	600	2600	NS	mg/kg	3.6 J	3.5 J	4.2	15	4.4 J	3.0 J	2.7 J	3.4 J
Copper	100	9000	NS	mg/kg	6.8	8.2	8.1	27	8.5	6.9	5.5	6.7
Iron	9000	75000	NS	mg/kg	6500	7300	7700	14000	8200	7100	6400	7000
Lead	300	700	NS	mg/kg	2.0	2.2	2.5	11	1.6	1.8	1.8	1.5
Magnesium	NS	NS	NS	mg/kg	10000 J	5000	6400	9200	6000	7000	4900	7500 J
Manganese	3600	8100	NS	mg/kg	220	210	320	260	170	140	180	130 J
Mercury	0.5	1.5	NS	mg/kg	< 0.12	< 0.11	0.019 J	< 0.10	< 0.092	< 0.10	< 0.10	< 0.12
Nickel	560	2500	NS	mg/kg	8.3	9.2	11	31	9.8	7.6	7.0	8.6
Potassium	NS	NS	NS	mg/kg	450 J	320 J	400 J	370 J	800	260 J	290 J	390 J
Selenium	160	1300	NS	mg/kg	< 0.48	< 0.49	< 0.42	0.30 J	< 0.45	< 0.48	< 0.50	< 0.49
Silver	160	1300	NS	mg/kg	< 0.48	< 0.49	< 0.42	0.14 J	< 0.45	< 0.48	< 0.50	< 0.49
Sodium	NS	NS	NS	mg/kg	68 J	75 J	74 J	290 J	77 J	99 J	91 J	67 J
Thallium	3	21	NS	mg/kg	< 0.95	< 0.98	< 0.85	0.47 J	< 0.90	< 0.96	< 1.0	< 0.99
Vanadium	30	250	NS	mg/kg	9.8	12	12	13	9.6	10	12	11
Zinc	8700	75000	NS	mg/kg	14	14	19	21	14	13	12	13
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP056 SP056_1(20141107) 11/07/2014	SP056 SP056_2(20141107) 11/07/2014	SP057 SP057_1(20141107) 11/07/2014	SP057 SP057_2(20141107) 11/07/2014	SP058 SP058_1(20141107) 11/07/2014	SP058 SP058_2(20141107) 11/07/2014	SP059 SP059_1(20141107) 11/07/2014	SP059 SP059_2(20141107) 11/07/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Paint Building - Tutone Spray Booth				Paint Building - Tutone Spray Booth	
					Excavated Material		Excavated Material				Excavated Material	
					SP060	SP060	SP061	SP061	SP061	SP061	SP062	SP062
					SP060_01 (20141118) 11/18/2014	SP060_02 (20141118) 11/18/2014	SP061_01(20141112) 11/12/2014	SP061_02(20141112) 11/12/2014	SP061_03(20141112) 11/12/2014	SP061_04(20141112) 11/12/2014	SP062_01(20141112) 11/12/2014	SP062_02(20141112) 11/12/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	0.024 J	0.021 J	< 0.27	< 0.28	< 0.27	< 0.29
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.28	0.015 J	0.014 J	< 0.27	< 0.28	< 0.27	< 0.29
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.2
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.2
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.2
Allyl chloride	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59
Benzene	6	10	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Cyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Dichloromonomethane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59
Diethyl ether	NS	NS	NS	mg/kg	0.019 J	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Paint Building - Tutone Spray Booth				Paint Building - Tutone Spray Booth	
					Excavated Material		Excavated Material				Excavated Material	
					SP060	SP060	SP061	SP061	SP061	SP061	SP062	SP062
					SP060_01(20141118) 11/18/2014	SP060_02(20141118) 11/18/2014	SP061_01(20141112) 11/12/2014	SP061_02(20141112) 11/12/2014	SP061_03(20141112) 11/12/2014	SP061_04(20141112) 11/12/2014	SP062_01(20141112) 11/12/2014	SP062_02(20141112) 11/12/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.28	0.022 J	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Methyl Acetate	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	0.045 J	< 0.56	< 0.54	< 0.59
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.55	< 0.52	< 0.53	< 0.56	< 0.54	< 0.59
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 1.1	< 1.1	< 1.2
Toluene	107	305	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.28	< 0.27	< 0.26	< 0.27	< 0.28	< 0.27	< 0.29
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	0.094 J	< 0.26	< 0.27	0.042 J	< 0.27	< 0.29
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	0.03 J	< 0.26	< 0.27	0.14 J	< 0.27	< 0.29
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	0.124 J	ND	ND	0.182 J	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Methylphenol	75	352	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.42	< 0.44	< 0.44	< 0.43	< 0.43	< 0.42	< 0.41	< 0.42
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Paint Building - Tutone Spray Booth				Paint Building - Tutone Spray Booth	
					Excavated Material		Excavated Material				Excavated Material	
					SP060	SP060	SP061	SP061	SP061	SP061	SP062	SP062
					SP060_01(20141118) 11/18/2014	SP060_02 (20141118) 11/18/2014	SP061_01(20141112) 11/12/2014	SP061_02(20141112) 11/12/2014	SP061_03(20141112) 11/12/2014	SP061_04(20141112) 11/12/2014	SP062_01(20141112) 11/12/2014	SP062_02(20141112) 11/12/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.34	< 0.36	0.0039 J	< 0.36	< 0.36	0.0037 J	< 0.34	< 0.35
Acenaphthylene	NS	NS	NS	mg/kg	< 0.34	< 0.36	0.0044 J	< 0.36	0.0045 J	0.0065 J	< 0.34	< 0.35
Acetophenone	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.011 J	0.0065 J	0.021 J	< 0.36	0.016 J	0.021 J	0.0039 J	0.0043 J
Atrazine	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Benzaldehyde	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.047 J	0.03 J	0.07 J	0.011 J	0.069 J	0.09 J	0.018 J	0.014 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.035 J	0.022 J	0.059 J	0.0098 J	0.058 J	0.086 J	0.013 J	0.011 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.051 J	0.031 J	0.1 J	0.014 J	0.098 J	0.13 J	0.019 J	0.018 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.02 J	0.011 J	0.037 J	0.0090 J	0.038 J	0.052 J	0.0090 J	0.0081 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.023 J	0.018 J	0.022 J	0.0066 J	0.031 J	0.042 J	0.011 J	0.0063 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Caprolactam	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	0.041 J	< 0.34	< 0.35
Carbazole	700	1310	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Chrysene	NS	NS	NS	mg/kg	0.048 J	0.031 J	0.078 J	0.0098 J	0.078 J	0.1 J	0.012 J	0.011 J
Dibenz(a,i)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Dibenzofuran	104	810	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.11 J	0.062 J	0.16 J	0.023 J	0.16 J	0.19 J	0.033 J	0.031 J
Fluorene	850	4120	NS	mg/kg	< 0.34	< 0.36	0.0046 J	< 0.36	< 0.36	0.0041 J	< 0.34	< 0.35
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Hexachlorobenzene	5	9	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Hexachloroethane	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.019 J	0.014 J	0.034 J	0.0090 J	0.036 J	0.042 J	0.01 J	0.0075 J
Isophorone	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Paint Building - Tutone Spray Booth				Paint Building - Tutone Spray Booth		
					Excavated Material		Excavated Material				Excavated Material		
					SP060	SP060	SP061	SP061	SP061	SP061	SP062	SP062	
					SP060_01(20141118) 11/18/2014	SP060_02(20141118) 11/18/2014	SP061_01(20141112) 11/12/2014	SP061_02(20141112) 11/12/2014	SP061_03(20141112) 11/12/2014	SP061_04(20141112) 11/12/2014	SP062_01(20141112) 11/12/2014	SP062_02(20141112) 11/12/2014	
Nitrobenzene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.045 J	0.028 J	0.069 J	0.0083 J	0.064 J	0.077 J	0.014 J	0.014 J	0.018 J
Phenol	1500	20203	NS	mg/kg	< 0.34	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.35	< 0.34	< 0.35
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.096 J	0.057 J	0.14 J	0.019 J	0.12 J	0.17 J	0.027 J	0.027 J	0.024 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0495	0.0316	0.0824	0.0140	0.0822	0.1174	0.0189	0.0189	0.0157
Metals													
Aluminum	30000	100000	NS	mg/kg	2200	2900	3100	2800	3700	2000	2200	2200	2000
Antimony	12	100	NS	mg/kg	< 0.94	< 0.98	< 1.1 J	< 0.81	< 0.84	< 0.77	< 0.98	< 0.98	< 0.91
Arsenic	9	20	NS	mg/kg	1.5	2.1	3.4	2.4	2.2	2.1	1.9	1.9	1.7
Barium	1100	18000	NS	mg/kg	23	36	37	34	37	33	32	32	28
Beryllium	55	230	NS	mg/kg	0.11 J	0.14 J	0.21 J	0.15 J	0.13 J	0.14 J	0.11 J	0.11 J	0.10 J
Cadmium	25	200	NS	mg/kg	0.073 J	0.082 J	0.082 J	0.081 J	0.080 J	0.080 J	0.055 J	0.055 J	0.060 J
Calcium	NS	NS	NS	mg/kg	18000	22000	24000	16000	16000	19000	15000	15000	15000
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.0	6.6	7.4	7.5	7.3	4.6	5.7	5.7	5.5
Cobalt	600	2600	NS	mg/kg	3.7 J	4.0 J	4.7 J	3.8 J	3.8 J	3.3 J	3.1 J	3.1 J	2.7 J
Copper	100	9000	NS	mg/kg	7.4	7.1	7.6	5.6	6.9	6.0	7.0	7.0	4.9
Iron	9000	75000	NS	mg/kg	6700	7000	9100	6400	7400	7600	7300	7300	5600
Lead	300	700	NS	mg/kg	2.0	2.8	3.2	2.5	2.9	2.5	2.2	2.2	2.0
Magnesium	NS	NS	NS	mg/kg	6300	5300	7900 J	4000	4100	6300	4400	4400	4500
Manganese	3600	8100	NS	mg/kg	200	240	340	250	280	300	230	230	190
Mercury	0.5	1.5	NS	mg/kg	< 0.11	0.017 J	0.030 J	< 0.10	0.025 J	< 0.11	0.016 J	0.016 J	< 0.11
Nickel	560	2500	NS	mg/kg	9.1	9.7	12	9.5	10	8.7	9.0	9.0	7.3
Potassium	NS	NS	NS	mg/kg	370 J	450 J	630	510	450	370 J	350 J	350 J	300 J
Selenium	160	1300	NS	mg/kg	< 0.47	< 0.49	< 0.53	0.31 J	< 0.42	< 0.39	< 0.49	< 0.49	< 0.46
Silver	160	1300	NS	mg/kg	< 0.47	< 0.49	< 0.53	< 0.40	< 0.42	< 0.39	< 0.49	< 0.49	< 0.46
Sodium	NS	NS	NS	mg/kg	76 J	100 J	90 J	180 J	250 J	100 J	84 J	84 J	78 J
Thallium	3	21	NS	mg/kg	< 0.94	0.14 J	< 1.1	< 0.81	< 0.84	< 0.77	< 0.98	< 0.98	< 0.91
Vanadium	30	250	NS	mg/kg	11	11	12	11	10	9.4	11	11	9.4
Zinc	8700	75000	NS	mg/kg	14	18	17	16	16	14	14	14	12
PCBs													
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH													
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Urethane Booth Exhaust Tunnel + Tutone Booth Exhaust Tunnel		Paint Building - Tutone Spray Booth				Paint Building - Tutone Spray Booth	
					Excavated Material		Excavated Material				Excavated Material	
					SP060	SP060	SP061	SP061	SP061	SP061	SP062	SP062
					SP060_01(20141118) 11/18/2014	SP060_02(20141118) 11/18/2014	SP061_01(20141112) 11/12/2014	SP061_02(20141112) 11/12/2014	SP061_03(20141112) 11/12/2014	SP061_04(20141112) 11/12/2014	SP062_01(20141112) 11/12/2014	SP062_02(20141112) 11/12/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		
					Excavated Material		Excavated Material		Excavated Material		
					SP063	SP063	SP064	SP064	SP065	SP065	SP065
					SP063_01 (20141117)	SP063_02 (20141117)	SP064_01 (20141117)	SP064_02 (20141117)	SP065_01 (20141117)	SP065_02 (20141117)	SP065_03 (20141117)
				11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.2	< 1	< 0.97	< 1.1	< 1.2
2-Chlorotoluene	436	436	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.2	< 1	< 0.97	< 1.1	< 1.2
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.2	< 1	< 0.97	< 1.1	< 1.2
Allyl chloride	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
Benzene	6	10	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Bromobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Bromochloromethane	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Bromodichloromethane	10	17	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Bromoform	370	650	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Bromomethane	0.7	2	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Carbon Disulfide	65	190	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
CFC-11	67	195	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
CFC-12	16	50	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Chlorobenzene	11	32	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Chlorodibromomethane	12	20	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Chloroethane	1000	3000	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Chloroform	2.5	4	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Chloromethane	8	23	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Cyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Dibromomethane	260	1860	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Dichloromethane	97	158	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
Diethyl ether	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		
					Excavated Material		Excavated Material		Excavated Material		
					SP063	SP063	SP064	SP064	SP065	SP065	SP065
					SP063_01 (20141117) 11/17/2014	SP063_02 (20141117) 11/17/2014	SP064_01 (20141117) 11/17/2014	SP064_02 (20141117) 11/17/2014	SP065_01 (20141117) 11/17/2014	SP065_02 (20141117) 11/17/2014	SP065_03 (20141117) 11/17/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Isopropylbenzene	30	87	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Methyl Acetate	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.2	< 1	< 0.97	< 1.1	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.53	< 0.55	< 0.59	< 0.52	< 0.48	< 0.56	< 0.58
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Naphthalene	10	28	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	0.019 J	< 0.28	< 0.29
N-Butylbenzene	30	92	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
N-Propylbenzene	30	93	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
sec-Butylbenzene	25	70	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Styrene (Monomer)	210	600	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
tert-Butylbenzene	30	90	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Tetrachloroethene	72	131	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.2	< 1	< 0.97	< 1.1	< 1.2
Toluene	107	305	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Trichloroethene	29	46	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
m,p-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
o-Xylene	NS	NS	NS	mg/kg	< 0.26	< 0.27	< 0.29	< 0.26	< 0.24	< 0.28	< 0.29
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Methylphenol	75	352	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.43	< 0.43	< 1.2	< 0.44	< 0.43	< 0.42	< 0.44
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		
					Excavated Material		Excavated Material		Excavated Material		
					SP063	SP063	SP064	SP064	SP065	SP065	SP065
					SP063_01 (20141117)	SP063_02 (20141117)	SP064_01 (20141117)	SP064_02 (20141117)	SP065_01 (20141117)	SP065_02 (20141117)	SP065_03 (20141117)
				11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	11/17/2014	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.014 J	0.022 J	0.1 J	0.056 J	0.0099 J	< 0.35	< 0.36
Acenaphthylene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Acetophenone	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.048 J	0.091 J	0.39 J	0.18 J	0.036 J	< 0.35	0.021 J
Atrazine	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Benzaldehyde	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.16 J	0.26 J	0.93 J	0.63	0.12 J	0.018 J	0.1 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.15 J	0.23 J	0.85 J	0.58	0.11 J	0.016 J	0.098 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.2 J	0.3 J	1.1	0.79	0.16 J	0.022 J	0.15 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.05 J	0.065 J	0.18 J	0.12 J	0.024 J	< 0.35	0.03 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.097 J	0.17 J	0.6 J	0.4	0.083 J	0.013 J	0.074 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Caprolactam	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Carbazole	700	1310	NS	mg/kg	0.032 J	0.058 J	0.23 J	0.073 J	< 0.36	< 0.35	< 0.36
Chrysene	NS	NS	NS	mg/kg	0.16 J	0.26 J	0.92 J	0.6	0.12 J	0.016 J	0.11 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Dibenzofuran	104	810	NS	mg/kg	< 0.35	0.0064 J	0.03 J	0.01 J	< 0.36	< 0.35	< 0.36
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.02 J	0.018 J	< 0.97	0.021 J	0.016 J	0.016 J	0.019 J
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.37	0.65	2.5	1.6	0.26 J	0.033 J	0.23 J
Fluorene	850	4120	NS	mg/kg	0.0094 J	0.015 J	0.067 J	0.027 J	0.0067 J	< 0.35	0.0044 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Hexachlorobenzene	5	9	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.7	< 1.7	< 4.7	< 1.8	< 1.7	< 1.7	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.05 J	0.064 J	0.18 J	0.12 J	0.025 J	< 0.35	0.026 J
Isophorone	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36

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Table 5
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		
					Excavated Material		Excavated Material		Excavated Material		
					SP063 SP063_01 (20141117) 11/17/2014	SP063 SP063_02 (20141117) 11/17/2014	SP064 SP064_01 (20141117) 11/17/2014	SP064 SP064_02 (20141117) 11/17/2014	SP065 SP065_01 (20141117) 11/17/2014	SP065 SP065_02 (20141117) 11/17/2014	SP065 SP065_03 (20141117) 11/17/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.16 J	0.29 J	1.1	0.45	0.12 J	0.013 J	0.091 J
Phenol	1500	20203	NS	mg/kg	< 0.35	< 0.36	< 0.97	< 0.36	< 0.36	< 0.35	< 0.36
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.31 J	0.54	2	1.4	0.24 J	0.033 J	0.21 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.2023	0.3120	1.1402	0.7800	0.1500	0.0215	0.1341
Metals											
Aluminum	30000	100000	NS	mg/kg	3500	3600	4100	NA	3300	3600	3300
Antimony	12	100	NS	mg/kg	< 0.87	< 1.0	< 0.98	NA	0.47 J	< 0.97	< 0.95
Arsenic	9	20	NS	mg/kg	3.0	3.0	2.8	NA	2.3	1.7	1.7
Barium	1100	18000	NS	mg/kg	41	38	29	NA	32	23	25
Beryllium	55	230	NS	mg/kg	0.22 J	0.22 J	0.23 J	NA	0.19 J	0.15 J	0.17 J
Cadmium	25	200	NS	mg/kg	0.081 J	0.10 J	0.056 J	NA	0.055 J	0.047 J	0.050 J
Calcium	NS	NS	NS	mg/kg	16000	21000	18000	NA	9800 J	7400	8300
Chromium**	87/44000**	650/100000**	NS	mg/kg	9.3	9.2	9.9	NA	9.5	11	8.3
Cobalt	600	2600	NS	mg/kg	5.9	4.9 J	6.2	NA	5.2	4.8	4.1 J
Copper	100	9000	NS	mg/kg	9.9	10	8.4	NA	11	11	12
Iron	9000	75000	NS	mg/kg	11000	11000	9400	NA	9900	9500	8600
Lead	300	700	NS	mg/kg	4.4	5.7	5.5	NA	4.9	4.7	5.3
Magnesium	NS	NS	NS	mg/kg	5600	8300	5500	NA	4200	4100	3500
Manganese	3600	8100	NS	mg/kg	420	400	300	NA	330	260	260
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.11	< 0.12	< 0.11	< 0.11	< 0.12	< 0.12
Nickel	560	2500	NS	mg/kg	13	11	13	NA	11	13	10
Potassium	NS	NS	NS	mg/kg	570	530	1100	NA	390 J	320 J	410 J
Selenium	160	1300	NS	mg/kg	< 0.44	< 0.52	< 0.49	NA	< 0.45	< 0.48	< 0.48
Silver	160	1300	NS	mg/kg	< 0.44	< 0.52	< 0.49	NA	< 0.45	< 0.48	< 0.48
Sodium	NS	NS	NS	mg/kg	87 J	110 J	90 J	NA	75 J	120 J	180 J
Thallium	3	21	NS	mg/kg	< 0.87	< 1.0	< 0.98	NA	< 0.90	< 0.97	< 0.95
Vanadium	30	250	NS	mg/kg	14	15	11	NA	14	15	15
Zinc	8700	75000	NS	mg/kg	24	29	22	NA	18	20	18
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		
					Excavated Material		Excavated Material		Excavated Material		
					SP063 SP063_01 (20141117) 11/17/2014	SP063 SP063_02 (20141117) 11/17/2014	SP064 SP064_01 (20141117) 11/17/2014	SP064 SP064_02 (20141117) 11/17/2014	SP065 SP065_01 (20141117) 11/17/2014	SP065 SP065_02 (20141117) 11/17/2014	SP065 SP065_03 (20141117) 11/17/2014
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP066 SP066_01 (20141117) 11/17/2014	SP066 SP066_02 (20141117) 11/17/2014	SP067 SP067_01 (20141117) 11/17/2014	SP067 SP067_02 (20141117) 11/17/2014	SP068 SP068_01 (20141117) 11/17/2014	SP068 SP068_02 (20141117) 11/17/2014	SP069 SP069_01 (20141117) 11/17/2014	SP069 SP069_02 (20141117) 11/17/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	0.015 J	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
Benzene	6	10	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP066	SP066	SP067	SP067	SP068	SP068	SP069	SP069
					SP066_01 (20141117) 11/17/2014	SP066_02 (20141117) 11/17/2014	SP067_01 (20141117) 11/17/2014	SP067_02 (20141117) 11/17/2014	SP068_01 (20141117) 11/17/2014	SP068_02 (20141117) 11/17/2014	SP069_01 (20141117) 11/17/2014	SP069_02 (20141117) 11/17/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Methyl Acetate	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.51	< 0.59	< 0.56	< 0.53	< 0.57	< 0.6
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Naphthalene	10	28	NS	mg/kg	< 0.27	0.019 J	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1	< 1.2	< 1.1	< 1.1	< 1.1	< 1.2
Toluene	107	305	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.25	< 0.3	< 0.28	< 0.27	< 0.28	< 0.3
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.43	< 0.43	< 0.44	< 0.43	< 0.45	< 0.48
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCPLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP066	SP066	SP067	SP067	SP068	SP068	SP069	SP069
					SP066_01 (20141117) 11/17/2014	SP066_02 (20141117) 11/17/2014	SP067_01 (20141117) 11/17/2014	SP067_02 (20141117) 11/17/2014	SP068_01 (20141117) 11/17/2014	SP068_02 (20141117) 11/17/2014	SP069_01 (20141117) 11/17/2014	SP069_02 (20141117) 11/17/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	0.0069 J	0.0084 J	< 0.37	< 0.39
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0068 J	0.013 J	0.0045 J	0.0069 J	0.031 J	0.027 J	< 0.37	0.0088 J
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.031 J	0.049 J	< 0.35	0.03 J	0.086 J	0.1 J	0.011 J	0.029 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.024 J	0.046 J	0.021 J	0.024 J	0.066 J	0.085 J	0.0090 J	0.025 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.039 J	0.055 J	0.032 J	0.042 J	0.099 J	0.13 J	0.015 J	0.04 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.0096 J	0.017 J	< 0.35	< 0.35	0.016 J	0.024 J	< 0.37	< 0.39
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.023 J	0.038 J	0.018 J	0.021 J	0.052 J	0.065 J	0.0079 J	0.023 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.37	< 0.35	0.077 J	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Carbazole	700	1310	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Chrysene	NS	NS	NS	mg/kg	0.031 J	0.049 J	< 0.35	0.031 J	0.084 J	0.1 J	0.012 J	0.03 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Dibenzofuran	104	810	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.37	0.016 J	0.018 J	0.022 J	< 0.36	0.022 J	0.017 J	< 0.39
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.062 J	0.1 J	0.043 J	0.064 J	0.21 J	0.23 J	0.022 J	0.064 J
Fluorene	850	4120	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	0.0046 J	0.0054 J	< 0.37	< 0.39
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.8	< 1.9
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.013 J	0.018 J	< 0.35	0.012 J	0.022 J	0.025 J	< 0.37	0.012 J
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP066	SP066	SP067	SP067	SP068	SP068	SP069	SP069
					SP066_01 (20141117) 11/17/2014	SP066_02 (20141117) 11/17/2014	SP067_01 (20141117) 11/17/2014	SP067_02 (20141117) 11/17/2014	SP068_01 (20141117) 11/17/2014	SP068_02 (20141117) 11/17/2014	SP069_01 (20141117) 11/17/2014	SP069_02 (20141117) 11/17/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.025 J	0.044 J	0.018 J	0.028 J	0.1 J	0.092 J	0.01 J	0.03 J
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.35	< 0.35	< 0.35	< 0.36	< 0.35	< 0.37	< 0.39
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.057 J	0.089 J	0.041 J	0.058 J	0.18 J	0.2 J	0.021 J	0.058 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0349	0.0625	0.0260	0.0348	0.0927	0.1180	0.0125	0.0357
Metals												
Aluminum	30000	100000	NS	mg/kg	3400	3300	2800	3000	2600	3000	4000	3400
Antimony	12	100	NS	mg/kg	< 0.86	< 0.94	< 0.89	< 0.75	< 0.99	< 0.96	< 0.95	< 1.0
Arsenic	9	20	NS	mg/kg	2.2	2.2	1.7	2.3	1.3	1.5	2.8	2.7
Barium	1100	18000	NS	mg/kg	29	33	22	25	19 J	23	31	24
Beryllium	55	230	NS	mg/kg	0.18 J	0.18 J	0.15 J	0.17 J	0.11 J	0.12 J	0.21 J	0.24 J
Cadmium	25	200	NS	mg/kg	0.074 J	0.17 J	0.042 J	0.065 J	0.042 J	0.059 J	0.086 J	0.070 J
Calcium	NS	NS	NS	mg/kg	16000	11000	11000	15000	17000	29000	22000	35000
Chromium**	87/44000**	650/100000**	NS	mg/kg	9.0	7.9	8.6	9.0	8.8	7.7	8.0	7.1
Cobalt	600	2600	NS	mg/kg	5.3	5.0	3.8 J	4.5	3.9 J	3.8 J	6.3	6.1
Copper	100	9000	NS	mg/kg	11	11	8.1	9.7	7.7	8.1	7.5	7.6
Iron	9000	75000	NS	mg/kg	10000	9300	7600	9000	8100	7400	8500	8900
Lead	300	700	NS	mg/kg	4.3	4.1	3.3	4.2	2.2	2.3	3.2	2.7
Magnesium	NS	NS	NS	mg/kg	7100	4700	4000	5300	6700	7500	6100	7500
Manganese	3600	8100	NS	mg/kg	310	490	210	290	240	210	300	310
Mercury	0.5	1.5	NS	mg/kg	< 0.13	< 0.093	< 0.099	< 0.11	< 0.10	< 0.11	< 0.097	< 0.12
Nickel	560	2500	NS	mg/kg	13	17	9.4	11	9.9	11	13	12
Potassium	NS	NS	NS	mg/kg	470	460 J	430 J	380	220 J	260 J	1100	1100
Selenium	160	1300	NS	mg/kg	< 0.43	< 0.47	< 0.45	< 0.37	< 0.49	< 0.48	< 0.48	< 0.52
Silver	160	1300	NS	mg/kg	< 0.43	< 0.47	< 0.45	< 0.37	< 0.49	< 0.48	< 0.48	< 0.52
Sodium	NS	NS	NS	mg/kg	84 J	87 J	66 J	71 J	55 J	120 J	79 J	76 J
Thallium	3	21	NS	mg/kg	< 0.86	0.24 J	< 0.89	< 0.75	< 0.99	< 0.96	< 0.95	< 1.0
Vanadium	30	250	NS	mg/kg	21	13	13	14	11	12	10	9.3
Zinc	8700	75000	NS	mg/kg	21	20	15	17	15	14	18	18
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP066	SP066	SP067	SP067	SP068	SP068	SP069	SP069
					SP066_01 (20141117) 11/17/2014	SP066_02 (20141117) 11/17/2014	SP067_01 (20141117) 11/17/2014	SP067_02 (20141117) 11/17/2014	SP068_01 (20141117) 11/17/2014	SP068_02 (20141117) 11/17/2014	SP069_01 (20141117) 11/17/2014	SP069_02 (20141117) 11/17/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP070	SP070	SP071	SP071	SP072	SP072	SP073	SP073
					SP070_01 (20141117)	SP070_02 (20141117)	SP071_01 (20141118)	SP071_02 (20141118)	SP072_01 (20141118)	SP072_02 (20141118)	SP073_01 (20141118)	SP073_02 (20141118)
				11/17/2014	11/17/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	11/18/2014	
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
Benzene	6	10	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	0.016 J

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP070	SP070	SP071	SP071	SP072	SP072	SP073	SP073
					SP070_01 (20141117) 11/17/2014	SP070_02 (20141117) 11/17/2014	SP071_01 (20141118) 11/18/2014	SP071_02 (20141118) 11/18/2014	SP072_01 (20141118) 11/18/2014	SP072_02 (20141118) 11/18/2014	SP073_01 (20141118) 11/18/2014	SP073_02 (20141118) 11/18/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Methyl Acetate	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.55	< 0.53	< 0.54	< 0.57	< 0.58	< 0.56	< 0.55
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.2	< 1.1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.27	< 0.26	< 0.27	< 0.28	< 0.29	< 0.28	< 0.27
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Methylphenol	75	352	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.41	< 0.43	< 0.43	< 0.42	< 0.47	< 0.46	< 0.44	< 0.44
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP070	SP070	SP071	SP071	SP072	SP072	SP073	SP073
					SP070_01 (20141117) 11/17/2014	SP070_02 (20141117) 11/17/2014	SP071_01 (20141118) 11/18/2014	SP071_02 (20141118) 11/18/2014	SP072_01 (20141118) 11/18/2014	SP072_02 (20141118) 11/18/2014	SP073_01 (20141118) 11/18/2014	SP073_02 (20141118) 11/18/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9	< 1.8	< 1.8	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Acenaphthylene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Acetophenone	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.018 J	< 0.36	0.0036 J	0.014 J	< 0.39	0.0039 J	0.013 J	0.0040 J
Atrazine	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Benzaldehyde	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.063 J	< 0.36	< 0.35	0.021 J	0.013 J	0.021 J	0.052 J	0.018 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.045 J	0.0098 J	0.0099 J	0.013 J	0.012 J	0.018 J	0.044 J	0.013 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.079 J	0.014 J	0.012 J	0.018 J	0.018 J	0.026 J	0.053 J	0.02 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.013 J	< 0.36	< 0.35	0.0062 J	< 0.39	0.0094 J	0.017 J	0.0070 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.039 J	0.0088 J	0.0065 J	0.01 J	0.0079 J	0.013 J	0.031 J	0.01 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Caprolactam	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Carbazole	700	1310	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Chrysene	NS	NS	NS	mg/kg	0.063 J	< 0.36	< 0.35	0.022 J	0.015 J	0.022 J	0.049 J	0.017 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Dibenzofuran	104	810	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.017 J	0.019 J	< 0.35	0.017 J	0.02 J	< 0.38	< 0.37	< 0.36
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.16 J	0.02 J	0.027 J	0.078 J	0.028 J	0.041 J	0.11 J	0.038 J
Fluorene	850	4120	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Hexachlorobenzene	5	9	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.6	< 1.7	< 1.7	< 1.7	< 1.9 J	< 1.8 J	< 1.8	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.017 J	< 0.36	< 0.35	0.012 J	0.0099 J	0.014 J	0.02 J	0.012 J
Isophorone	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP070	SP070	SP071	SP071	SP072	SP072	SP073	SP073
					SP070_01 (20141117) 11/17/2014	SP070_02 (20141117) 11/17/2014	SP071_01 (20141118) 11/18/2014	SP071_02 (20141118) 11/18/2014	SP072_01 (20141118) 11/18/2014	SP072_02 (20141118) 11/18/2014	SP073_01 (20141118) 11/18/2014	SP073_02 (20141118) 11/18/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39 J	< 0.38 J	< 0.37	< 0.36
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.068 J	< 0.36	0.013 J	0.046 J	0.011 J	0.015 J	0.042 J	0.014 J
Phenol	1500	20203	NS	mg/kg	< 0.34	< 0.36	< 0.35	< 0.35	< 0.39	< 0.38	< 0.37	< 0.36
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.13 J	0.019 J	0.022 J	0.063 J	0.026 J	0.038 J	0.095 J	0.032 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.0654	0.0121	0.0118	0.0193	0.0170	0.0256	0.0601	0.0192
Metals												
Aluminum	30000	100000	NS	mg/kg	3000	2900	2800	2300	4700	4500	3300	3400
Antimony	12	100	NS	mg/kg	< 0.85	< 1.0	< 0.96 J	< 0.96	< 1.2	< 0.94	< 0.96	< 0.92
Arsenic	9	20	NS	mg/kg	2.8	1.8	1.6	1.9	3.1	2.7	2.3	2.0
Barium	1100	18000	NS	mg/kg	28	24	21	27	29	32	35	28
Beryllium	55	230	NS	mg/kg	0.17 J	0.13 J	0.13 J	0.12 J	0.31 J	0.24 J	0.18 J	0.17 J
Cadmium	25	200	NS	mg/kg	0.059 J	0.097 J	0.061 J	0.062 J	0.077 J	0.061 J	0.075 J	0.073 J
Calcium	NS	NS	NS	mg/kg	20000	26000	20000	18000	46000	21000	14000	16000
Chromium**	87/44000**	650/100000**	NS	mg/kg	9.3	7.4	7.6	6.1	10	11	7.4	8.8
Cobalt	600	2600	NS	mg/kg	4.4	3.9 J	3.9 J	3.5 J	7.0	5.9	3.8 J	4.7
Copper	100	9000	NS	mg/kg	9.2	7.5	6.4	7.0	7.1	7.8	7.7	7.4
Iron	9000	75000	NS	mg/kg	11000	8000	6700	7500	9900	9400	7900	8700
Lead	300	700	NS	mg/kg	1.8	1.9	2.0	1.7	2.8	3.1	3.1	2.3
Magnesium	NS	NS	NS	mg/kg	5300	7200	6600	6100	11000	5200	5200	5500
Manganese	3600	8100	NS	mg/kg	280	250	180 J	470	340	260	260	230
Mercury	0.5	1.5	NS	mg/kg	< 0.10	< 0.099	< 0.11	< 0.11	0.020 J	0.016 J	0.023 J	0.018 J
Nickel	560	2500	NS	mg/kg	12	9.9	8.8	8.5	14	14	10	10
Potassium	NS	NS	NS	mg/kg	450	460 J	510	380 J	1700	1200	500	580
Selenium	160	1300	NS	mg/kg	< 0.43	< 0.50	< 0.48	< 0.48	< 0.58	< 0.47	< 0.48	< 0.46
Silver	160	1300	NS	mg/kg	< 0.43	< 0.50	< 0.48	< 0.48	< 0.58	< 0.47	< 0.48	< 0.46
Sodium	NS	NS	NS	mg/kg	120 J	130 J	79 J	56 J	85 J	78 J	66 J	71 J
Thallium	3	21	NS	mg/kg	0.11 J	< 1.0	< 0.96	< 0.96	< 1.2	< 0.94	< 0.96	< 0.92
Vanadium	30	250	NS	mg/kg	15	11	9.9	8.9	9.4	12	14	14
Zinc	8700	75000	NS	mg/kg	15	14	14	13	19	19	16	17
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits		Feature 121 - Sludge Pits	
					Excavated Material		Excavated Material		Excavated Material		Excavated Material	
					SP070 SP070_01 (20141117) 11/17/2014	SP070 SP070_02 (20141117) 11/17/2014	SP071 SP071_01 (20141118) 11/18/2014	SP071 SP071_02 (20141118) 11/18/2014	SP072 SP072_01 (20141118) 11/18/2014	SP072 SP072_02 (20141118) 11/18/2014	SP073 SP073_01 (20141118) 11/18/2014	SP073 SP073_02 (20141118) 11/18/2014
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Paint Building - Fan Farm Foundation (South)		Paint Building - Fan Farm Foundation (South)		Paint Building - Oil Trap Tank Removal (Northwest)
					Excavated Material		Excavated Material		Excavated Material		Excavated Material
					SP074	SP074	SP077	SP077	SP078	SP078	SP079
					SP074_01 (20141118)	SP074_02 (20141118)	SP077_01 (20141125)	SP077_02 (20141125)	SP078_01 (20141125)	SP078_02 (20141125)	SP079_01 (20141125)
					11/18/2014	11/18/2014	11/25/2014	11/25/2014	11/25/2014	11/25/2014	11/25/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	< 0.49	< 0.56
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 0.98	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 0.98	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	0.2 J	< 1	< 1.1	< 0.98	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	< 0.49	< 0.56
Benzene	6	10	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Cyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	< 0.49	< 0.56
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	< 0.49	< 0.56
Diethyl ether	NS	NS	NS	mg/kg	0.016 J	0.021 J	0.018 J	< 0.51	< 0.54	< 0.49	0.021 J

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Twin Cities Assembly Plant
St. Paul, Minnesota

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					Excavated Material		Excavated Material		Excavated Material		Excavated Material
					SP074	SP074	SP077	SP077	SP078	SP078	SP079
					SP074_01 (20141118) 11/18/2014	SP074_02 (20141118) 11/18/2014	SP077_01 (20141125) 11/25/2014	SP077_02 (20141125) 11/25/2014	SP078_01 (20141125) 11/25/2014	SP078_02 (20141125) 11/25/2014	SP079_01 (20141125) 11/25/2014
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Methyl Acetate	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	0.043 J	< 0.56
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 0.98	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.57	< 0.56	< 0.51	< 0.54	< 0.49	< 0.56
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	< 1.1	< 1	< 1.1	< 0.98	< 1.1
Toluene	107	305	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	0.0091 J	< 0.27	0.0073 J	0.0074 J
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.28	< 0.28	< 0.25	< 0.27	< 0.24	< 0.28
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	0.0091 J	ND	ND	0.0073 J	0.0074 J
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
2-Methylnaphthalene	100	369	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Methylphenol	75	352	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.46	< 0.45	< 0.44	< 0.45	< 0.45	< 0.43	< 4.3
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Paint Building - Fan Farm Foundation (South)		Paint Building - Fan Farm Foundation (South)		Paint Building - Oil Trap Tank Removal (Northwest)
					Excavated Material		Excavated Material		Excavated Material		Excavated Material
					SP074	SP074	SP077	SP077	SP078	SP078	SP079
					SP074_01 (20141118) 11/18/2014	SP074_02 (20141118) 11/18/2014	SP077_01 (20141125) 11/25/2014	SP077_02 (20141125) 11/25/2014	SP078_01 (20141125) 11/25/2014	SP078_02 (20141125) 11/25/2014	SP079_01 (20141125) 11/25/2014
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	< 0.38	< 0.37	0.0057 J	< 0.37	0.0052 J	0.0043 J	< 3.5
Acenaphthylene	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Acetophenone	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.016 J	0.0050 J	0.019 J	0.0051 J	0.016 J	0.015 J	0.097 J
Atrazine	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Benzaldehyde	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.082 J	0.024 J	0.055 J	0.022 J	0.065 J	0.07 J	0.43 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.078 J	0.018 J	0.049 J	0.021 J	0.055 J	0.059 J	0.44 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.11 J	0.033 J	0.061 J	0.028 J	0.069 J	0.082 J	0.53 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.028 J	0.011 J	0.033 J	0.016 J	0.039 J	0.033 J	0.19 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.058 J	0.018 J	0.026 J	0.0088 J	0.038 J	0.041 J	0.3 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Caprolactam	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Carbazole	700	1310	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Chrysene	NS	NS	NS	mg/kg	0.085 J	0.027 J	0.057 J	0.021 J	0.067 J	0.073 J	0.42 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.38	< 0.37	0.0088 J	0.0048 J	0.017 J	< 0.35	< 3.5
Dibenzofuran	104	810	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.18 J	0.055 J	0.14 J	0.047 J	0.15 J	0.16 J	0.83 J
Fluorene	850	4120	NS	mg/kg	< 0.38	< 0.37	0.0062 J	< 0.37	0.0047 J	0.0036 J	< 3.5
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Hexachlorobenzene	5	9	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.9	< 1.8	< 1.7	< 1.8	< 1.8	< 1.7	< 17
Hexachloroethane	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.031 J	0.014 J	0.028 J	0.013 J	0.033 J	0.031 J	0.21 J
Isophorone	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.38	0.0044 J	0.0051 J	< 0.37	< 0.37	< 0.35	< 3.5

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Paint Building - Fan Farm Foundation (South)		Paint Building - Fan Farm Foundation (South)		Paint Building -
					Excavated Material		Excavated Material		Excavated Material		Oil Trap Tank Removal
					SP074	SP074	SP077	SP077	SP078	SP078	Excavated Material
					SP074_01 (20141118)	SP074_02 (20141118)	SP077_01 (20141125)	SP077_02 (20141125)	SP078_01 (20141125)	SP078_02 (20141125)	SP079
					11/18/2014	11/18/2014	11/25/2014	11/25/2014	11/25/2014	11/25/2014	11/25/2014
Nitrobenzene	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	< 0.35	< 3.5
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.051 J	0.02 J	0.074 J	0.022 J	0.072 J	0.066 J	0.35 J
Phenol	1500	20203	NS	mg/kg	< 0.38	< 0.37	< 0.36	< 0.37	< 0.37	0.012 J	0.079 J
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.15 J	0.046 J	0.11 J	0.044 J	0.12 J	0.13 J	0.77 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.1070	0.0272	0.0715	0.0311	0.0857	0.0821	0.5912
Metals											
Aluminum	30000	100000	NS	mg/kg	4800	4600	2400	3000	3200	3400	3000
Antimony	12	100	NS	mg/kg	< 1.1	< 0.91	< 0.92	< 0.98	< 0.92	< 0.84	< 0.79
Arsenic	9	20	NS	mg/kg	2.8	3.0	1.7	2.2	2.4	2.0	3.0
Barium	1100	18000	NS	mg/kg	43	53	23	22	26	25	29
Beryllium	55	230	NS	mg/kg	0.25 J	0.30 J	0.12 J	0.15 J	0.18 J	0.16 J	0.14 J
Cadmium	25	200	NS	mg/kg	0.080 J	0.13 J	0.12 J	0.10 J	0.12 J	0.14 J	0.14 J
Calcium	NS	NS	NS	mg/kg	19000	17000	22000	16000	14000	20000	30000
Chromium**	87/44000**	650/100000**	NS	mg/kg	9.6	8.6	5.0	7.6	8.7	6.9	7.7
Cobalt	600	2600	NS	mg/kg	5.6	5.3	3.9 J	4.4 J	5.1	5.6	4.5
Copper	100	9000	NS	mg/kg	8.0	8.6	6.1	8.2	7.8	7.1	24
Iron	9000	75000	NS	mg/kg	9800	9700	6000	7200	8500	6800	8300
Lead	300	700	NS	mg/kg	3.5	4.7	4.9	5.7	4.4	5.6	9.9
Magnesium	NS	NS	NS	mg/kg	5800	5200	11000	6800	5400	10000	14000
Manganese	3600	8100	NS	mg/kg	310	300	220	210	340	280	260
Mercury	0.5	1.5	NS	mg/kg	< 0.13	< 0.12	< 0.10	0.018 J	< 0.12	< 0.10	< 0.11
Nickel	560	2500	NS	mg/kg	13	13	7.3	9.8	11	14	9.8
Potassium	NS	NS	NS	mg/kg	730	610	490	700	960	680	530
Selenium	160	1300	NS	mg/kg	< 0.54	< 0.46	0.37 J	0.35 J	< 0.46	0.37 J	< 0.39
Silver	160	1300	NS	mg/kg	< 0.54	< 0.46	< 0.46	< 0.49	< 0.46	< 0.42	< 0.39
Sodium	NS	NS	NS	mg/kg	82 J	80 J	71 J	82 J	68 J	85 J	120 J
Thallium	3	21	NS	mg/kg	< 1.1	< 0.91	< 0.92	< 0.98	< 0.92	< 0.84	< 0.79
Vanadium	30	250	NS	mg/kg	14	14	8.7	9.9	10	12	14
Zinc	8700	75000	NS	mg/kg	26	23	14	16	18	29	23
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Feature 121 - Sludge Pits		Paint Building - Fan Farm Foundation (South)		Paint Building - Fan Farm Foundation (South)		Paint Building - Oil Trap Tank Removal (Northwest)
					Excavated Material		Excavated Material		Excavated Material		Excavated Material
					SP074 SP074_01 (20141118) 11/18/2014	SP074 SP074_02 (20141118) 11/18/2014	SP077 SP077_01 (20141125) 11/25/2014	SP077 SP077_02 (20141125) 11/25/2014	SP078 SP078_01 (20141125) 11/25/2014	SP078 SP078_02 (20141125) 11/25/2014	SP079 SP079_01 (20141125) 11/25/2014
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (South)		MAB - Plaster Pit (Bay M15)	MAB - Cafeteria / Feature 54 (Substation [Basement])		MAB - Cafeteria / Feature 54 (Substation [Basement])				
					Excavated Material		Excavated Material	Excavated Material		Excavated Material		Cafeteria West	Cafeteria West	Cafeteria West
					SP081 SP081_01 (20141126) 11/26/2014	SP081 SP081_02 (20141126) 11/26/2014	SP127 SP127-01 (20150827) 08/27/2015	Cafeteria North CAFE_N_1 (20150501) 05/01/2015	Cafeteria North CAFE_N_2 (20150501) 05/01/2015	Cafeteria West CAFE_W_1(20150505) 05/05/2015	Cafeteria West CAFE_W_2(20150505) 05/05/2015	Cafeteria West CAFE_W_3 (20150506) 05/06/2015		
VOCs														
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.25	< 0.28	0.011 J	< 0.24	< 0.3	< 0.3	< 0.3		
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61		
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1	< 1.1	< 0.9	< 0.97	< 1.2	< 1.2	< 1.2		
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1	< 1.1	< 0.9	< 0.97	< 1.2	0.1 J	< 1.2		
Acetone	340	1000	NS	mg/kg	< 1.1	< 1	< 1.1	< 0.9	< 0.97	< 1.2	< 1.2	< 1.2		
Allyl chloride	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61		
Benzene	6	10	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Cyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61		
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3		
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	0.13 J		
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61		
Diethyl ether	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61 J		

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (South)		MAB - Plaster Pit (Bay M15)	MAB - Cafeteria / Feature 54 (Substation [Basement])		MAB - Cafeteria / Feature 54 (Substation [Basement])		
					Excavated Material		Excavated Material	Excavated Material		Excavated Material		
					SP081 SP081_01 (20141126)	SP081 SP081_02 (20141126)	SP127 SP127-01 (20150827)	Cafeteria North CAFE_N_1 (20150501)	Cafeteria North CAFE_N_2 (20150501)	Cafeteria West CAFE_W_1(20150505)	Cafeteria West CAFE_W_2(20150505)	Cafeteria West CAFE_W_3 (20150506)
					11/26/2014	11/26/2014	08/27/2015	05/01/2015	05/01/2015	05/05/2015	05/05/2015	05/06/2015
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Methyl Acetate	NS	NS	NS	mg/kg	< 0.55	< 0.5	0.077 J	0.037 J	0.045 J	0.054 J	0.14 J	< 0.61
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1	< 1.1	< 0.9	< 0.97	< 1.2	< 1.2	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.5	< 0.57	< 0.45	< 0.49	< 0.61	< 0.6	< 0.61
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	0.021 J	0.012 J	0.022 J
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	0.015 J	0.012 J
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1	< 1.1	< 0.9	< 0.97	< 1.2	< 1.2	< 1.2
Toluene	107	305	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	< 0.3	< 0.3
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	0.034 J	< 0.3
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.28	< 0.22	< 0.24	< 0.3	0.089 J	< 0.3
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND	ND	0.123 J	ND
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 3.6	R	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 3.6	R	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	0.0091 J	< 0.35	NA	NA	NA	NA	NA	NA
2-Methylphenol	75	352	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.7	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 3.6	< 1.7	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.9	R	NA	NA	NA	NA	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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					Excavated Material		Excavated Material	Excavated Material		Excavated Material		
					SP081 SP081_01 (20141126)	SP081 SP081_02 (20141126)	SP127 SP127-01 (20150827)	Cafeteria North CAFE_N_1 (20150501)	Cafeteria North CAFE_N_2 (20150501)	Cafeteria West CAFE_W_1(20150505)	Cafeteria West CAFE_W_2(20150505)	Cafeteria West CAFE_W_3 (20150506)
					11/26/2014	11/26/2014	08/27/2015	05/01/2015	05/01/2015	05/05/2015	05/05/2015	05/06/2015
3-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.7	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 3.6	< 1.7	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 3.6	R	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.043 J	0.0041 J	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.22 J	0.015 J	NA	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.61 J	0.077 J	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	0.5 J	0.059 J	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.77	0.091 J	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.18 J	0.038 J	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.27 J	0.039 J	NA	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.064 J	0.066 J	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	0.15 J	< 0.35	NA	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	0.67 J	0.083 J	NA	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.053 J	0.011 J	NA	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	0.018 J	< 0.35	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	1.4	0.15 J	NA	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	0.036 J	0.0048 J	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 3.6	< 1.7	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.16 J	0.031 J	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (South)		MAB - Plaster Pit (Bay M15)	MAB - Cafeteria / Feature 54 (Substation [Basement])		MAB - Cafeteria / Feature 54 (Substation [Basement])		
					Excavated Material		Excavated Material	Excavated Material		Excavated Material		
					SP081 SP081_01 (20141126)	SP081 SP081_02 (20141126)	SP127 SP127-01 (20150827)	Cafeteria North CAFE_N_1 (20150501)	Cafeteria North CAFE_N_2 (20150501)	Cafeteria West CAFE_W_1(20150505)	Cafeteria West CAFE_W_2(20150505)	Cafeteria West CAFE_W_3 (20150506)
					11/26/2014	11/26/2014	08/27/2015	05/01/2015	05/01/2015	05/05/2015	05/05/2015	05/06/2015
Nitrobenzene	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.74	< 0.35	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.75	0.063 J	NA	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	< 0.74	R	NA	NA	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	1.1	0.13 J	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalent	2	3	NS	mg/kg	0.7175	0.0898	NA	NA	NA	NA	NA	NA
Metals												
Aluminum	30000	100000	NS	mg/kg	2600	3600	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	< 0.85	< 0.73	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	2.0	2.7	NA	2.7	2.9	2.8	3.0	3.2
Barium	1100	18000	NS	mg/kg	27	33	NA	40	51	78	53	65
Beryllium	55	230	NS	mg/kg	0.14 J	0.17 J	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.11 J	0.12 J	NA	0.10 J	0.10 J	0.19 J	0.13 J	0.17 J
Calcium	NS	NS	NS	mg/kg	18000	16000	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	5.8	7.1	NA	12	11	9.9	9.0	8.8
Cobalt	600	2600	NS	mg/kg	3.9 J	4.3	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	6.8	8.7	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	6700	8100	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	6.2	7.4	NA	4.1	5.1	7.3	4.2	10
Magnesium	NS	NS	NS	mg/kg	6600	5100	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	250	300	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	0.020 J	0.017 J	NA	0.032 J	0.022 J	0.020 J	0.022 J	0.037 J
Nickel	560	2500	NS	mg/kg	8.8	11	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	580	580	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.42	< 0.37	NA	< 0.49	< 0.49	0.47 J	< 0.54	0.41 J
Silver	160	1300	NS	mg/kg	< 0.42	< 0.37	NA	< 0.49	< 0.49	< 0.54	< 0.54	< 0.45
Sodium	NS	NS	NS	mg/kg	73 J	190 J	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	< 0.85	< 0.73	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	8.6	12	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	17	20	NA	NA	NA	NA	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	< 11	7.5 J	< 10	5.8 J	4.0 J	9.2 J
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	< 12	< 10	< 10	< 13	< 14	< 11
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (South)		MAB - Plaster Pit (Bay M15)	MAB - Cafeteria / Feature 54 (Substation [Basement])		MAB - Cafeteria / Feature 54 (Substation [Basement])		
					Excavated Material		Excavated Material	Excavated Material		Excavated Material		
					SP081 SP081_01 (20141126) 11/26/2014	SP081 SP081_02 (20141126) 11/26/2014	SP127 SP127-01 (20150827) 08/27/2015	Cafeteria North CAFE_N_1 (20150501) 05/01/2015	Cafeteria North CAFE_N_2 (20150501) 05/01/2015	Cafeteria West CAFE_W_1(20150505) 05/05/2015	Cafeteria West CAFE_W_2(20150505) 05/05/2015	Cafeteria West CAFE_W_3 (20150506) 05/06/2015
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - North		MAB - LCL Dock (Bays P8-Q14)		
					Excavated Material		Excavated Material		
					Pump Room - North	Pump Room - North	MAB-LCL	MAB-LCL	MAB-LCL
					MAB-PUMPN_C1 (20150513)	MAB-PUMPN_C2 (20150513)	MAB-LCL-1 (20150609)	MAB-LCL-2 (20150609)	MAB-LCL-3 (20150609)
					05/13/2015	05/13/2015	06/09/2015	06/09/2015	06/09/2015
VOCs									
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	0.015 J	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1 U	< 0.99 U	< 0.95	< 0.97	< 1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1 U	< 0.99 U	< 0.95	< 0.97	< 1
Acetone	340	1000	NS	mg/kg	< 1.1 U	< 0.99 U	< 0.95	< 0.97	< 1
Allyl chloride	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5
Benzene	6	10	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Bromobenzene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Bromodichloromethane	10	17	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Bromoform	370	650	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Bromomethane	0.7	2	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Carbon Disulfide	65	190	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
CFC-11	67	195	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
CFC-12	16	50	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Chlorobenzene	11	32	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Chloroethane	1000	3000	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Chloroform	2.5	4	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Chloromethane	8	23	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Cyclohexane	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Dibromomethane	260	1860	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Dichloromethane	97	158	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5
Diethyl ether	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5

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 St. Paul, Minnesota

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					Excavated Material		Excavated Material		
					Pump Room - North	Pump Room - North	MAB-LCL	MAB-LCL	MAB-LCL
					MAB-PUMPN_C1 (20150513)	MAB-PUMPN_C2 (20150513)	MAB-LCL-1 (20150609)	MAB-LCL-2 (20150609)	MAB-LCL-3 (20150609)
					05/13/2015	05/13/2015	06/09/2015	06/09/2015	06/09/2015
Ethylbenzene	200	200	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Isopropylbenzene	30	87	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Methyl Acetate	NS	NS	NS	mg/kg	0.079 J	0.085 J	< 0.48	< 0.49	< 0.5
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1 U	< 0.99 U	< 0.95	< 0.97	< 1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.53 U	< 0.49 U	< 0.48	< 0.49	< 0.5
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Naphthalene	10	28	NS	mg/kg	0.04 J	< 0.25 UB	< 0.24	< 0.24	< 0.25
N-Butylbenzene	30	92	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
N-Propylbenzene	30	93	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Tetrachloroethene	72	131	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1 U	< 0.99 U	< 0.95	< 0.97	< 1
Toluene	107	305	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Trichloroethene	29	46	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
o-Xylene	NS	NS	NS	mg/kg	< 0.27 U	< 0.25 U	< 0.24	< 0.24	< 0.25
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	ND	ND
SVOCs									
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - North		MAB - LCL Dock (Bays P8-Q14)		
					Excavated Material		Excavated Material		
					Pump Room - North	Pump Room - North	MAB-LCL	MAB-LCL	MAB-LCL
					MAB-PUMPN_C1 (20150513)	MAB-PUMPN_C2 (20150513)	MAB-LCL-1 (20150609)	MAB-LCL-2 (20150609)	MAB-LCL-3 (20150609)
					05/13/2015	05/13/2015	06/09/2015	06/09/2015	06/09/2015
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA

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Table 5
 Summary of Analytical Results for Soil Retained on Site for Reuse
 Site Decommissioning Remedial Action Implementation Report
 Ford Motor Company
 Twin Cities Assembly Plant
 St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - North		MAB - LCL Dock (Bays P8-Q14)		
					Excavated Material		Excavated Material		
					Pump Room - North	Pump Room - North	MAB-LCL	MAB-LCL	MAB-LCL
					MAB-PUMPN_C1 (20150513)	MAB-PUMPN_C2 (20150513)	MAB-LCL-1 (20150609)	MAB-LCL-2 (20150609)	MAB-LCL-3 (20150609)
					05/13/2015	05/13/2015	06/09/2015	06/09/2015	06/09/2015
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	NA	NA	NA	NA
Metals									
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	2.9	3.0	NA	NA	NA
Barium	1100	18000	NS	mg/kg	50	40	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.13 J	0.11 J	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	11	9.4	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	5.7	4.9	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.11 U	< 0.10 U	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.55 U	< 0.54 U	NA	NA	NA
Silver	160	1300	NS	mg/kg	< 0.55 U	< 0.54 U	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA
PCBs									
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA
TPH									
Diesel Range Organics***	100***	100***	NS	mg/kg	4.7 J	6.6 J	10	< 9.6	< 9.8
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 12 UB	< 11 UB	< 11	< 10	< 10
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA

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Table 5
 Summary of Analytical Results for Soil Retained on Site for Reuse
 Site Decommissioning Remedial Action Implementation Report
 Ford Motor Company
 Twin Cities Assembly Plant
 St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	US EPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - North		MAB - LCL Dock (Bays P8-Q14)		
					Excavated Material		Excavated Material		
					Pump Room - North	Pump Room - North	MAB-LCL	MAB-LCL	MAB-LCL
					MAB-PUMPN_C1 (20150513)	MAB-PUMPN_C2 (20150513)	MAB-LCL-1 (20150609)	MAB-LCL-2 (20150609)	MAB-LCL-3 (20150609)
					05/13/2015	05/13/2015	06/09/2015	06/09/2015	06/09/2015
Other									
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA
pH	NS	NS	NS	none	NA	NA	NA	NA	NA
TCLP VOCs									
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA
TCLP SVOCs									
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	0.5	mg/l	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0.13	mg/l	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA
TCLP Metals									
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA
Cadmium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA
Mercury	NS	NS	0.2	mg/l	NA	NA	NA	NA	NA
Selenium	NS	NS	1.0	mg/l	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA

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Table 5
Summary of Analytical Results for Soil Retained on Site for Reuse
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location ID		MPCA	MPCA	
Sample ID		Tier I	Tier II	USEPA
Sample Date		Residential	Industrial	TCLP
Depth Interval	Units	SRVs	SRVs	Level

Notes:

*	Criteria for total xylenes used, reported data is for the sum of the "m- and p-xylenes" and "o-xylenes" data results
**	SRVs are for Chromium VI and Chromium III respectively, reported data is for total chromium and is therefore compared to the lower of the
***	Values for gasoline- and diesel-range organics are guidance values provided by the Petroleum Brownfields Program
Shade	Result value is above the MPCA Tier 1 Residential SRV
Shade	Result value is above the MPCA Tier II Industrial SRV
<	Not detected above reporting detection limit
J	estimated result
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MPCA	Minnesota Pollution Control Agency
NA	not analyzed
ND	not detected
NE	northeast
NS	no standard
RP	retention pond
SRV	soil reference value
SP	stockpile
SVOC	semivolatile organic compound
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
U	analyzed for but not detected
UB	analyte detected in the associated blank
UJ	analyte not detected above the blank
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast	Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Southwest	
					Drum D55_01 D55_01 (20140825) 08/25/2014	Test Pit		Excavated Material		Excavated Material	
						NE_RP_SE_01 NE_RP_SE_01 (20141015) 10/15/2014	NE_RP_SE_02 NE_RP_SE_02 (20141015) 10/15/2014	SP005 SP_005_A1(20140825) 08/25/2014	SP005 SP05_02(20140919) 09/19/2014	SP008 SP-B01 (8/11/2014) 08/11/2014	SP008 SP-B02 (8/11/2014) 08/11/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	0.0090 J	NA	< 0.25	< 0.21
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	< 1.2	NA	< 0.99	< 0.86
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	< 1.2	NA	< 0.99	< 0.86
Acetone	340	1000	NS	mg/kg	NA	NA	NA	< 1.2	NA	< 0.99	< 0.86
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
Benzene	6	10	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Bromoform	370	650	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
CFC-11	67	195	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
CFC-12	16	50	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.44	< 0.34
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast	Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Southwest	
					Drum D55_01 D55_01 (20140825) 08/25/2014	Test Pit		Excavated Material		Excavated Material	
						NE_RP_SE_01 NE_RP_SE_01 (20141015) 10/15/2014	NE_RP_SE_02 NE_RP_SE_02 (20141015) 10/15/2014	SP005 SP_005_A1(20140825) 08/25/2014	SP005 SP05_02(20140919) 09/19/2014	SP008 SP-B01 (8/11/2014) 08/11/2014	SP008 SP-B02 (8/11/2014) 08/11/2014
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	0.061 J	NA	0.028 J	0.031 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	< 1.2	NA	< 0.99	< 0.86
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	< 0.58	NA	< 0.49	< 0.43
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	< 1.2	NA	< 0.99	< 0.86
Toluene	107	305	NS	mg/kg	NA	NA	NA	0.024 J	NA	< 0.25	< 0.21
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	< 0.29	NA	< 0.25	< 0.21
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	ND	NA	ND	ND
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	0.016 J	NA	< 0.4	< 0.37
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.49	< 0.45
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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St. Paul, Minnesota

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					Drum D55_01 D55_01 (20140825) 08/25/2014	Test Pit		Excavated Material		Excavated Material	
						NE_RP_SE_01 NE_RP_SE_01 (20141015) 10/15/2014	NE_RP_SE_02 NE_RP_SE_02 (20141015) 10/15/2014	SP005 SP_005_A1(20140825) 08/25/2014	SP005 SP05_02(20140919) 09/19/2014	SP008 SP-B01 (8/11/2014) 08/11/2014	SP008 SP-B02 (8/11/2014) 08/11/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	< 0.39	NA	< 0.4	< 0.37
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	0.0056 J	NA	< 0.4	< 0.37
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	0.017 J	NA	< 0.4	< 0.37
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	0.13 J	NA	0.0053 J	0.0095 J
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	0.12 J	NA	0.0062 J	0.0093 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	0.24 J	NA	0.0076 J	0.015 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	0.069 J	NA	< 0.4	0.0089 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	0.088 J	NA	< 0.4	< 0.37
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	0.15 J	NA	0.0061 J	0.01 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	0.025 J	NA	< 0.4	< 0.37
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	0.2 J	NA	0.0091 J	0.015 J
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	< 0.39	NA	< 0.4	< 0.37
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA	< 2	< 1.8
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	0.066 J	NA	< 0.4	0.0071 J
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	0.017 J	NA	< 0.4	< 0.37
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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					Drum D55_01 D55_01 (20140825) 08/25/2014	Test Pit		Excavated Material		Excavated Material	
						NE_RP_SE_01 NE_RP_SE_01 (20141015) 10/15/2014	NE_RP_SE_02 NE_RP_SE_02 (20141015) 10/15/2014	SP005 SP_005_A1(20140825) 08/25/2014	SP005 SP05_02(20140919) 09/19/2014	SP008 SP-B01 (8/11/2014) 08/11/2014	SP008 SP-B02 (8/11/2014) 08/11/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	0.07 J	NA	0.0048 J	0.0078 J
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA	< 0.4	< 0.37
Propylzamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	0.18 J	NA	0.01 J	0.014 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	0.1879	ND	0.0076	0.0126
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	19	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	< 2.1	NA	4.2	2.5
Barium	1100	18000	NS	mg/kg	NA	NA	NA	1100	NA	35	29
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	6.6	NA	0.043 J	0.057 J
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	50	NA	14	11
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	960	NA	8.9	5.4
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	0.15	NA	< 0.12	0.018 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	< 1.1	NA	< 0.56	< 0.48
Silver	160	1300	NS	mg/kg	NA	NA	NA	0.20 J	NA	< 0.56	< 0.48
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	>200	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast	Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Northeast		Temporary Sediment Retention Pond - Southwest	
					Drum D55_01 D55_01 (20140825) 08/25/2014	Test Pit		Excavated Material		Excavated Material	
						NE_RP_SE_01 NE_RP_SE_01 (20141015) 10/15/2014	NE_RP_SE_02 NE_RP_SE_02 (20141015) 10/15/2014	SP005 SP_005_A1(20140825) 08/25/2014	SP005 SP05_02(20140919) 09/19/2014	SP008 SP-B01 (8/11/2014) 08/11/2014	SP008 SP-B02 (8/11/2014) 08/11/2014
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	< 25	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	< 25	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	< 250	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	11 J	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	< 25	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	< 25	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	< 25	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	< 25	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	< 25	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	< 25	NA	NA	NA	NA	NA	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	< 0.0040	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	< 0.0040	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	< 0.040	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	< 0.0040	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	< 0.040	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	< 0.020	NA	NA	NA	NA	NA	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	0.010 J	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	110	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	< 0.10	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	< 0.50	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	6.0	< 0.50	5.3	NA	0.38 J	NA	NA
Mercury	NS	NS	0	mg/l	< 0.0020	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	0.0047 J	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	< 0.50	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast
					Excavated Material	Excavated Material				Excavated Material	Excavated Material
					SP008 SP008_01 (20141222) 12/22/2014	SP009 SP_009_A1(20140826) 08/26/2014	SP009 SP_009_A2(20140826) 08/26/2014	SP009 SP_B003_1 (20140818) 08/18/2014	SP009 SP009_04(20140909) 09/09/2014	SP010 SP-C001 (20140813) 08/13/2014	SP011 SP011-A1 (20141210) 12/10/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	0.027 J	< 0.36	26	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	< 0.61	< 0.72	< 4.7	NA	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	0.029 J	0.052 J	< 2.4	NA	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	< 1.2	< 1.4	< 9.4	NA	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	< 1.2	< 1.4	< 9.4	NA	NA	NA
Acetone	340	1000	NS	mg/kg	NA	< 1.2	< 1.4	< 9.4	NA	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	< 0.61	< 0.72	< 4.7	NA	NA	NA
Benzene	6	10	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Bromoform	370	650	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	0.15 J	< 0.36	< 2.4	NA	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
CFC-11	67	195	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
CFC-12	16	50	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	< 0.61	< 0.72	0.44 J	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	< 0.3	0.011 J	1.2 J	NA	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	< 0.61	< 0.72	< 4.7	NA	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	0.019 J	< 0.72	< 4.7	NA	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	< 0.3	< 0.36	2 J	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast
					Excavated Material SP008	Excavated Material				Excavated Material SP010	Excavated Material SP011
					SP008_01 (20141222) 12/22/2014	SP009 SP_009_A1(20140826) 08/26/2014	SP009 SP_009_A2(20140826) 08/26/2014	SP009 SP_B003_1 (20140818) 08/18/2014	SP009 SP009_04(20140909) 09/09/2014	SP010 SP-C001 (20140813) 08/13/2014	SP011 SP011-A1 (20141210) 12/10/2014
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	NA	< 0.3	< 0.36	2.1 J	NA	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	NA	0.12 J	0.14 J	< 4.7	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	< 1.2	< 1.4	< 9.4	NA	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	NA	< 0.61	< 0.72	3.1 J	NA	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	< 0.3	< 0.36	2.5	NA	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	NA	< 0.3	< 0.36	0.88 J	NA	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	NA	< 0.3	< 0.36	2 J	NA	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	NA	0.016 J	0.02 J	2 J	NA	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	NA	< 0.3	0.0096 J	< 2.4	NA	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	< 1.2	< 1.4	< 9.4	NA	NA	NA
Toluene	107	305	NS	mg/kg	NA	< 0.3	0.03 J	< 2.4	NA	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Trichloroethene	29	46	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
o-Xylene	NS	NS	NS	mg/kg	NA	< 0.3	< 0.36	< 2.4	NA	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	NA	ND	ND	ND	NA	NA	NA
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	0.012 J	0.02 J	0.48 J	NA	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.46	< 0.54	< 3.1	NA	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast
					Excavated Material SP008 SP008_01 (20141222) 12/22/2014	Excavated Material				Excavated Material SP010 SP-C001 (20140813) 08/13/2014	Excavated Material SP011 SP011-A1 (20141210) 12/10/2014
						SP009	SP009	SP009	SP009		
						SP_009_A1(20140826) 08/26/2014	SP_009_A2(20140826) 08/26/2014	SP_B003_1 (20140818) 08/18/2014	SP009_04(20140909) 09/09/2014		
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	0.0082 J	0.016 J	< 2.6	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	0.041 J	0.075 J	0.099 J	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	0.043 J	0.066 J	0.082 J	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	0.069 J	0.094 J	0.11 J	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	0.019 J	0.028 J	0.053 J	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	0.024 J	0.024 J	0.054 J	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	0.049 J	0.078 J	0.12 J	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	< 0.38	0.0060 J	< 2.6	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	0.024 J	0.031 J	< 2.6	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	0.072 J	0.13 J	0.16 J	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	0.0058 J	0.0080 J	< 2.6	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	< 1.8	< 2.1	< 13	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	0.024 J	0.029 J	< 2.6	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	0.038 J	0.085 J	6.8	NA	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast
					Excavated Material SP008 SP008_01 (20141222) 12/22/2014	Excavated Material				Excavated Material SP010 SP-C001 (20140813) 08/13/2014	Excavated Material SP011 SP011-A1 (20141210) 12/10/2014
					SP009 SP_009_A1(20140826) 08/26/2014	SP009 SP_009_A2(20140826) 08/26/2014	SP009 SP_B003_1 (20140818) 08/18/2014	SP009 SP009_04(20140909) 09/09/2014			
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	0.032 J	0.06 J	0.087 J	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	< 0.38	< 0.44	< 2.6	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	0.066 J	0.11 J	0.13 J	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	0.05929	0.09058	0.1095	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	12	13	18	NA	NA	NA
Barium	1100	18000	NS	mg/kg	NA	210	170	140 J	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	5.0	0.69	0.37	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	14	14	12	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	390	530	110 J	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	0.19	0.14	0.039 J	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	0.57	0.68	< 0.47	NA	NA	NA
Silver	160	1300	NS	mg/kg	NA	< 0.45	< 0.64	< 0.47	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	6.9 J	NA	NA	NA	7.9 J	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 11	NA	NA	NA	59	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Southwest	Temporary Sediment Retention Pond - Northeast
					Excavated Material SP008	Excavated Material				Excavated Material SP010	Excavated Material SP011
					SP008_01 (20141222) 12/22/2014	SP009 SP_009_A1(20140826) 08/26/2014	SP009 SP_009_A2(20140826) 08/26/2014	SP009 SP_B003_1 (20140818) 08/18/2014	SP009 SP009_04(20140909) 09/09/2014	SP010 SP-C001 (20140813) 08/13/2014	SP011 SP011-A1 (20141210) 12/10/2014
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	< 50	NA	NA	NA	NA	< 25	NA
1,2-Dichloroethane	NS	NS	500	ug/l	< 50	NA	NA	NA	NA	< 25	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	< 500	NA	NA	NA	NA	< 250	NA
Benzene	NS	NS	500	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Carbon Tetrachloride	NS	NS	500	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Chlorobenzene	NS	NS	100,000	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Chloroform	NS	NS	6,000	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Tetrachloroethene	NS	NS	700	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Trichloroethene	NS	NS	500	ug/l	< 50	NA	NA	NA	NA	< 25	NA
Vinyl chloride	NS	NS	200	ug/l	< 50	NA	NA	NA	NA	< 25	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	< 0.0040	NA	NA	NA	NA	< 0.0040	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
2-Methylphenol	NS	NS	NS	mg/l	< 0.0040	NA	NA	NA	NA	< 0.0040	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	< 0.0040	NA	NA	NA	NA	< 0.040	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
Hexachlorobenzene	NS	NS	0	mg/l	< 0.00080	NA	NA	NA	NA	< 0.020	NA
Hexachloroethane	NS	NS	3	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
Nitrobenzene	NS	NS	2	mg/l	< 0.0040	NA	NA	NA	NA	< 0.0040	NA
Pentachlorophenol	NS	NS	100	mg/l	< 0.0040	NA	NA	NA	NA	< 0.040	NA
Pyridine	NS	NS	5	mg/l	< 0.0040	NA	NA	NA	NA	< 0.020	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	0.0029 J	NA	NA	NA	NA	< 0.50	NA
Barium	NS	NS	100	mg/l	0.49 J	NA	NA	NA	NA	0.43 J	NA
Cadmium	NS	NS	1	mg/l	0.00059 J	NA	NA	NA	NA	< 0.10	NA
Chromium	NS	NS	5	mg/l	< 0.50	NA	NA	NA	NA	0.0044 J	NA
Lead	NS	NS	5	mg/l	< 0.50	0.12 J	0.12 J	0.050 J	NA	0.0023 J	0.027 J
Mercury	NS	NS	0	mg/l	< 0.0020	NA	NA	NA	NA	< 0.0020	NA
Selenium	NS	NS	1	mg/l	< 0.25	NA	NA	NA	NA	0.0062 J	NA
Silver	NS	NS	5	mg/l	< 0.50	NA	NA	NA	NA	< 0.50	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Northeast		
					Excavated Material				Excavated Material		
					SP011 SP011-A2 (20141210) 12/10/2014	SP011 SP11_01 (20140917) 09/17/2014	SP011 SP11_02 (20140917) 09/17/2014	SP011 SP11_03 (20140917) 09/17/2014	SP012 SP_C002_1 (20140818) 08/18/2014	SP012 SP_C002_2 (20140818) 08/18/2014	SP012 SP_012_A1(20140826) 08/26/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetone	340	1000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzene	6	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromoform	370	650	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-11	67	195	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-12	16	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Northeast		
					Excavated Material			SP011 SP_011_03 (20140917) 09/17/2014	Excavated Material		SP012 SP_012_A1(20140826) 08/26/2014
					SP011 SP011-A2 (20141210) 12/10/2014	SP011 SP11_01 (20140917) 09/17/2014	SP011 SP11_02 (20140917) 09/17/2014		SP011 SP11_03 (20140917) 09/17/2014	SP012 SP_C002_1 (20140818) 08/18/2014	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Toluene	107	305	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Methylchloanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Northeast		
					Excavated Material				Excavated Material		
					SP011 SP011-A2 (20141210) 12/10/2014	SP011 SP11_01 (20140917) 09/17/2014	SP011 SP11_02 (20140917) 09/17/2014	SP011 SP11_03 (20140917) 09/17/2014	SP012 SP_C002_1 (20140818) 08/18/2014	SP012 SP_C002_2 (20140818) 08/18/2014	SP012 SP_012_A1(20140826) 08/26/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Northeast		
					Excavated Material				Excavated Material		
					SP011 SP011-A2 (20141210) 12/10/2014	SP011 SP11_01 (20140917) 09/17/2014	SP011 SP11_02 (20140917) 09/17/2014	SP011 SP11_03 (20140917) 09/17/2014	SP012 SP_C002_1 (20140818) 08/18/2014	SP012 SP_C002_2 (20140818) 08/18/2014	SP012 SP_012_A1(20140826) 08/26/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	250
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	290
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Temporary Sediment Retention Pond - Northeast			
					Excavated Material			SP011 SP_C002_1 (20140818) 08/18/2014	Excavated Material			
					SP011 SP011-A2 (20141210) 12/10/2014	SP011 SP11_01 (20140917) 09/17/2014	SP011 SP11_02 (20140917) 09/17/2014		SP011 SP11_03 (20140917) 09/17/2014	SP012 SP_C002_2 (20140818) 08/18/2014	SP012 SP_012_A1(20140826) 08/26/2014	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
1,2-Dichloroethane	NS	NS	500	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	< 250	< 250	< 250	180 J	30 J	< 250	
Benzene	NS	NS	500	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Carbon Tetrachloride	NS	NS	500	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Chlorobenzene	NS	NS	100,000	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Chloroform	NS	NS	6,000	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Tetrachloroethene	NS	NS	700	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Trichloroethene	NS	NS	500	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
Vinyl chloride	NS	NS	200	ug/l	NA	< 25	< 25	< 25	< 25	< 25	< 25	
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
2-Methylphenol	NS	NS	NS	mg/l	NA	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
Hexachlorobenzene	NS	NS	0	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
Hexachloroethane	NS	NS	3	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
Nitrobenzene	NS	NS	2	mg/l	NA	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	
Pentachlorophenol	NS	NS	100	mg/l	NA	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	
Pyridine	NS	NS	5	mg/l	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	< 0.50	< 0.50	0.021 J	< 0.50	< 0.50	0.018 J	
Barium	NS	NS	100	mg/l	NA	0.74 J	0.88 J	0.85 J	1.8 J	2.4 J	1.2 J	
Cadmium	NS	NS	1	mg/l	NA	0.029 J	0.00099 J	0.0023 J	0.014 J	0.020 J	0.026 J	
Chromium	NS	NS	5	mg/l	NA	< 0.50	< 0.50	< 0.50	0.0046 J	0.0037 J	< 0.50	
Lead	NS	NS	5	mg/l	< 0.50	26	< 0.50	0.087 J	3.1	0.80	4.0	
Mercury	NS	NS	0	mg/l	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	
Selenium	NS	NS	1	mg/l	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.0062 J	
Silver	NS	NS	5	mg/l	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	

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Site Decommissioning Remedial Action Implementation Report
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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Excavated Material				Pre-Stabilization Confirmation		
					SP012 SP12_02(20140826)	SP012 SP_012_A3(20140826)	SP012 SP_012_A4(20140826)	SP012 SP_012_A5(20140826)	SP012 SP012-A1_PRE (20141211)	SP012 SP012-A2_PRE (20141211)	SP012 SP012-B1_PRE (20141211)
					08/26/2014	08/26/2014	08/26/2014	08/26/2014	12/11/2014	12/11/2014	12/11/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetone	340	1000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzene	6	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromoform	370	650	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-11	67	195	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-12	16	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast							
					Excavated Material				Pre-Stabilization Confirmation			
					SP012 SP12_02(20140826) 08/26/2014	SP012 SP_012_A3(20140826) 08/26/2014	SP012 SP_012_A4(20140826) 08/26/2014	SP012 SP_012_A5(20140826) 08/26/2014	SP012 SP012-A1_PRE (20141211) 12/11/2014	SP012 SP012-A2_PRE (20141211) 12/11/2014	SP012 SP012-B1_PRE (20141211) 12/11/2014	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Toluene	107	305	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Excavated Material				Pre-Stabilization Confirmation		
					SP012 SP12_02(20140826)	SP012 SP_012_A3(20140826)	SP012 SP_012_A4(20140826)	SP012 SP_012_A5(20140826)	SP012 SP012-A1_PRE (20141211)	SP012 SP012-A2_PRE (20141211)	SP012 SP012-B1_PRE (20141211)
					08/26/2014	08/26/2014	08/26/2014	08/26/2014	12/11/2014	12/11/2014	12/11/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Excavated Material				Pre-Stabilization Confirmation		
					SP012 SP12_02(20140826) 08/26/2014	SP012 SP_012_A3(20140826) 08/26/2014	SP012 SP_012_A4(20140826) 08/26/2014	SP012 SP_012_A5(20140826) 08/26/2014	SP012 SP012-A1_PRE (20141211) 12/11/2014	SP012 SP012-A2_PRE (20141211) 12/11/2014	SP012 SP012-B1_PRE (20141211) 12/11/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Propylzamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	1000 J	250	1000 J	78	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	2200 J	620	1000 J	190	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast							
					Excavated Material				Pre-Stabilization Confirmation			
					SP012 SP12_02(20140826) 08/26/2014	SP012 SP_012_A3(20140826) 08/26/2014	SP012 SP_012_A4(20140826) 08/26/2014	SP012 SP_012_A5(20140826) 08/26/2014	SP012 SP012-A1_PRE (20141211) 12/11/2014	SP012 SP012-A2_PRE (20141211) 12/11/2014	SP012 SP012-B1_PRE (20141211) 12/11/2014	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	< 250	< 250	< 250	< 250	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	< 25	< 25	< 25	< 25	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	< 0.040	< 0.040	< 0.040	< 0.040	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	< 0.040	< 0.040	< 0.040	< 0.040	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	< 0.020	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	0.017 J	0.011 J	0.034 J	0.011 J	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	1.3 J	1.3 J	1.3 J	1.0 J	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	0.0060 J	0.044 J	0.029 J	0.0017 J	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	0.33 J	13	8.1	0.13 J	4.2	24	20	20
Mercury	NS	NS	0	mg/l	0.00014 J	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	0.0077 J	0.0049 J	< 0.25	0.0079 J	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Pre-Stabilization Confirmation						
					SP012 SP012-B2_PRE (20141211) 12/11/2014	SP012 SP012-C1_PRE(20141212) 12/12/2014	SP012 SP012-C2_PRE(20141212) 12/12/2014	SP012 SP012-D1_PRE(20141212) 12/12/2014	SP012 SP012-D2_PRE(20141212) 12/12/2014	SP012 SP012-E1_PRE (20141211) 12/11/2014	SP012 SP012-E2_PRE (20141211) 12/11/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetone	340	1000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzene	6	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromoform	370	650	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-11	67	195	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-12	16	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast							
					Pre-Stabilization Confirmation							
					SP012 SP012-B2_PRE (20141211) 12/11/2014	SP012 SP012-C1_PRE(20141212) 12/12/2014	SP012 SP012-C2_PRE(20141212) 12/12/2014	SP012 SP012-D1_PRE(20141212) 12/12/2014	SP012 SP012-D2_PRE(20141212) 12/12/2014	SP012 SP012-E1_PRE (20141211) 12/11/2014	SP012 SP012-E2_PRE (20141211) 12/11/2014	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Toluene	107	305	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	

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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Pre-Stabilization Confirmation						
					SP012 SP012-B2_PRE (20141211) 12/11/2014	SP012 SP012-C1_PRE(20141212) 12/12/2014	SP012 SP012-C2_PRE(20141212) 12/12/2014	SP012 SP012-D1_PRE(20141212) 12/12/2014	SP012 SP012-D2_PRE(20141212) 12/12/2014	SP012 SP012-E1_PRE (20141211) 12/11/2014	SP012 SP012-E2_PRE (20141211) 12/11/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Twin Cities Assembly Plant
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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						
					Pre-Stabilization Confirmation						
					SP012 SP012-B2_PRE (20141211) 12/11/2014	SP012 SP012-C1_PRE(20141212) 12/12/2014	SP012 SP012-C2_PRE(20141212) 12/12/2014	SP012 SP012-D1_PRE(20141212) 12/12/2014	SP012 SP012-D2_PRE(20141212) 12/12/2014	SP012 SP012-E1_PRE (20141211) 12/11/2014	SP012 SP012-E2_PRE (20141211) 12/11/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast							
					Pre-Stabilization Confirmation							
					SP012 SP012-B2_PRE (20141211) 12/11/2014	SP012 SP012-C1_PRE(20141212) 12/12/2014	SP012 SP012-C2_PRE(20141212) 12/12/2014	SP012 SP012-D1_PRE(20141212) 12/12/2014	SP012 SP012-D2_PRE(20141212) 12/12/2014	SP012 SP012-E1_PRE (20141211) 12/11/2014	SP012 SP012-E2_PRE (20141211) 12/11/2014	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	21	0.011 J	43	0.45 J	0.036 J	1.2	0.64	
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						Post Stabilization Confirmation SP012 SP012_A3_POST (20150106) 01/06/2015
					Pre-Stabilization Confirmation						
					SP012 SP012-F1_PRE (20141211) 12/11/2014	SP012 SP012-F2_PRE (20141211) 12/11/2014	SP012 SP012-G1_PRE(20141211) 12/11/2014	SP012 SP012-G2_PRE(20141212) 12/12/2014	SP012 SP012-H1_PRE(20141211) 12/11/2014	SP012 SP012-H2_PRE(20141212) 12/12/2014	
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetone	340	1000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzene	6	10	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromoform	370	650	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-11	67	195	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
CFC-12	16	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						Post Stabilization Confirmation SP012 SP012_A3_POST (20150106) 01/06/2015
					Pre-Stabilization Confirmation						
					SP012 SP012-F1_PRE (20141211) 12/11/2014	SP012 SP012-F2_PRE (20141211) 12/11/2014	SP012 SP012-G1_PRE(20141211) 12/11/2014	SP012 SP012-G2_PRE(20141212) 12/12/2014	SP012 SP012-H1_PRE(20141211) 12/11/2014	SP012 SP012-H2_PRE(20141212) 12/12/2014	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Toluene	107	305	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						Post Stabilization Confirmation SP012 SP012_A3_POST (20150106) 01/06/2015
					Pre-Stabilization Confirmation						
					SP012 SP012-F1_PRE (20141211) 12/11/2014	SP012 SP012-F2_PRE (20141211) 12/11/2014	SP012 SP012-G1_PRE(20141211) 12/11/2014	SP012 SP012-G2_PRE(20141212) 12/12/2014	SP012 SP012-H1_PRE(20141211) 12/11/2014	SP012 SP012-H2_PRE(20141212) 12/12/2014	
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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					Pre-Stabilization Confirmation						
					SP012 SP012-F1_PRE (20141211) 12/11/2014	SP012 SP012-F2_PRE (20141211) 12/11/2014	SP012 SP012-G1_PRE(20141211) 12/11/2014	SP012 SP012-G2_PRE(20141212) 12/12/2014	SP012 SP012-H1_PRE(20141211) 12/11/2014	SP012 SP012-H2_PRE(20141212) 12/12/2014	
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	ND	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast						Post Stabilization Confirmation SP012 SP012_A3_POST (20150106) 01/06/2015	
					Pre-Stabilization Confirmation							
					SP012 SP012-F1_PRE (20141211) 12/11/2014	SP012 SP012-F2_PRE (20141211) 12/11/2014	SP012 SP012-G1_PRE(20141211) 12/11/2014	SP012 SP012-G2_PRE(20141212) 12/12/2014	SP012 SP012-H1_PRE(20141211) 12/11/2014	SP012 SP012-H2_PRE(20141212) 12/12/2014		
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	
Lead	NS	NS	5	mg/l	0.52	0.47	0.0076 J	< 0.50	0.027 J	0.28 J	< 0.50	
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Paint Building			
					Post Stabilization Confirmation				Excavated Material			
					SP012	SP012	SP012	SP012	SP017	SP017	SP017	SP017
					SP012_B3_POST(20150108) 01/08/2015	SP012_C3_POST(20150109) 01/09/2015	SP012-I1_POST(20141212) 12/12/2014	SP012-I2_POST (20141215) 12/15/2014	SP17_01 (20140926) 09/26/2014	SP17_02 (20140926) 09/26/2014	SP017_03(20141217) 12/17/2014	SP017_04(20141217) 12/17/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	NA	NA	< 0.24	0.0069 J	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	NA	NA	< 0.97	< 1.1	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	NA	NA	< 0.97	< 1.1	NA	NA
Acetone	340	1000	NS	mg/kg	NA	NA	NA	NA	< 0.97	< 1.1	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
Benzene	6	10	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Bromoform	370	650	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
CFC-11	67	195	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
CFC-12	16	50	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Paint Building			
					Post Stabilization Confirmation				Excavated Material			
					SP012	SP012	SP012	SP012	SP017	SP017	SP017	SP017
					SP012_B3_POST(20150108) 01/08/2015	SP012_C3_POST(20150109) 01/09/2015	SP012-I1_POST(20141212) 12/12/2014	SP012-I2_POST (20141215) 12/15/2014	SP17_01 (20140926) 09/26/2014	SP17_02 (20140926) 09/26/2014	SP017_03(20141217) 12/17/2014	SP017_04(20141217) 12/17/2014
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.029 J	0.086 J	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.97	< 1.1	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.54	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.97	< 1.1	NA	NA
Toluene	107	305	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Trichloroethene	29	46	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
o-Xylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 0.24	< 0.27	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	NA	NA	ND	ND	NA	NA
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 3	< 0.44	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Twin Cities Assembly Plant
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					Post Stabilization Confirmation				Excavated Material			
					SP012	SP012	SP012	SP012	SP017	SP017	SP017	SP017
					SP012_B3_POST(20150108) 01/08/2015	SP012_C3_POST(20150109) 01/09/2015	SP012-I1_POST(20141212) 12/12/2014	SP012-I2_POST (20141215) 12/15/2014	SP17_01 (20140926) 09/26/2014	SP17_02 (20140926) 09/26/2014	SP017_03(20141217) 12/17/2014	SP017_04(20141217) 12/17/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	NA	NA	0.22 J	0.026 J	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	NA	NA	0.98 J	0.1 J	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	3.1	0.29 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	NA	NA	2.9	0.28 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	3.7	0.34 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	NA	NA	1.8 J	0.16 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	NA	NA	1.4 J	0.13 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	NA	NA	< 3.6	< 0.36	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	NA	NA	0.65 J	0.071 J	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	NA	NA	3	0.28 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	0.42 J	0.042 J	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	NA	NA	< 2.4	0.0081 J	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	NA	NA	< 2.4	0.024 J	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	NA	NA	7.8	0.7	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	NA	NA	0.15 J	0.018 J	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	NA	NA	< 12	< 1.8	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	1.6 J	0.14 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Paint Building			
					Post Stabilization Confirmation				Excavated Material			
					SP012 SP012_B3_POST(20150108) 01/08/2015	SP012 SP012_C3_POST(20150109) 01/09/2015	SP012 SP012-I1_POST(20141212) 12/12/2014	SP012 SP012-I2_POST (20141215) 12/15/2014	SP017 SP17_01 (20140926) 09/26/2014	SP017 SP17_02 (20140926) 09/26/2014	SP017 SP017_03(20141217) 12/17/2014	SP017 SP017_04(20141217) 12/17/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	3.4	0.36	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	NA	NA	< 2.4	< 0.36	NA	NA
Propylzamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	NA	NA	5.7	0.52	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	ND	ND	4.1459	0.3964	ND	ND
Metals												
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	2100	2100	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	< 0.95	< 1	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	NA	NA	2.1	2	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	NA	NA	51	32	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	0.15 J	0.14 J	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	NA	NA	0.14 J	0.096 J	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	20000	14000	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	NA	NA	6.4	4.8	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	4.4 J	4.2 J	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	4.5	3.7	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	6500	5700	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	NA	NA	4.6	3.2	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	7200	3600	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	450	310	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	NA	NA	< 0.11	< 0.11	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	9.6	8.7	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	430 J	390 J	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.51	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	NA	NA	< 0.48	< 0.51	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	63 J	53 J	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	< 0.95	< 1	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	8.5	8.3	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	21	15	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	21	58
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	NA	NA	NA	< 11	< 11
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Temporary Sediment Retention Pond - Northeast				Paint Building				
					Post Stabilization Confirmation				Excavated Material				
					SP012 SP012_B3_POST(20150108) 01/08/2015	SP012 SP012_C3_POST(20150109) 01/09/2015	SP012 SP012-I1_POST(20141212) 12/12/2014	SP012 SP012-I2_POST (20141215) 12/15/2014	SP017 SP17_01 (20140926) 09/26/2014	SP017 SP17_02 (20140926) 09/26/2014	SP017 SP017_03(20141217) 12/17/2014	SP017 SP017_04(20141217) 12/17/2014	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs													
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	< 250	< 250
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	< 25	< 25
TCLP SVOCs													
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	0.018
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	0.0058
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.00080	< 0.00080
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
TCLP Metals													
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	0.0037 J	< 0.50
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	0.42 J	0.40 J
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	0.00048 J	0.00076 J
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50
Lead	NS	NS	5	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	NA	NA	NA	< 0.50	< 0.50
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.0020	< 0.0020
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building				Paint Building - Enamel Booth Pit		Warehouse - Utilities (Storm/Sanitary)	
					Excavated Material				Excavated Material		Excavated Material	
					SP30 SP30_01 (20141007) 10/07/2014	SP30 SP30_02 (20141007) 10/07/2014	SP030 SP030_03(20141217) 12/17/2014	SP030 SP030_04(20141217) 12/17/2014	SP45 SP045_01(20141023) 10/23/2014	SP045 SP045_02 (20141222) 12/22/2014	SP52 SP052_1(20141107) 11/07/2014	SP052 SP052_02 (20141222) 12/22/2014
VOCs												
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.039 J	NA	< 0.24	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.035 J	NA	< 0.24	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1	NA	NA	< 0.94	NA	< 0.97	NA
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1	NA	NA	< 0.94	NA	< 0.97	NA
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1	NA	NA	< 0.94	NA	< 0.97	NA
Allyl chloride	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
Benzene	6	10	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Chloromethane	8	23	NS	mg/kg	0.022 J	0.02 J	NA	NA	< 0.24	NA	< 0.24	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Cyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.2 J	NA	< 0.24	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
Diethyl ether	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
Ethylbenzene	200	200	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.0065 J	NA	< 0.24	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building Excavated Material				Paint Building - Enamel Booth Pit Excavated Material		Warehouse - Utilities (Storm/Sanitary) Excavated Material	
					SP30	SP30	SP030	SP030	SP45	SP045	SP52	SP052
					SP30_01 (20141007) 10/07/2014	SP30_02 (20141007) 10/07/2014	SP030_03(20141217) 12/17/2014	SP030_04(20141217) 12/17/2014	SP045_01(20141023) 10/23/2014	SP045_02 (20141222) 12/22/2014	SP052_1(20141107) 11/07/2014	SP052_02 (20141222) 12/22/2014
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Methyl Acetate	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	0.035 J	NA	0.094 J	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1	NA	NA	< 0.94	NA	< 0.97	NA
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.55	< 0.53	NA	NA	< 0.47	NA	< 0.48	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1	NA	NA	< 0.94	NA	< 0.97	NA
Toluene	107	305	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.26	NA	NA	< 0.24	NA	< 0.24	NA
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.044 J	NA	< 0.24	NA
o-Xylene	NS	NS	NS	mg/kg	< 0.27	< 0.26	NA	NA	0.025 J	NA	< 0.24	NA
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	NA	NA	0.069 J	NA	ND	NA
SVOCs												
1,1-Biphenyl	NS	NS	NS	mg/kg	< 3.7	0.014 J	NA	NA	< 0.35	NA	< 0.36	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
2-Methylnaphthalene	100	369	NS	mg/kg	< 3.7	0.014 J	NA	NA	< 0.35	NA	0.0050 J	NA
2-Methylphenol	75	352	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 4.4	< 1.1	NA	NA	< 0.42	NA	< 0.44	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening Units	Paint Building Excavated Material				Paint Building - Enamel Booth Pit Excavated Material		Warehouse - Utilities (Storm/Sanitary) Excavated Material		
				SP30	SP30	SP030	SP030	SP45	SP045	SP52	SP052	
				SP30_01 (20141007) 10/07/2014	SP30_02 (20141007) 10/07/2014	SP030_03(20141217) 12/17/2014	SP030_04(20141217) 12/17/2014	SP045_01(20141023) 10/23/2014	SP045_02 (20141222) 12/22/2014	SP052_1(20141107) 11/07/2014	SP052_02 (20141222) 12/22/2014	
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.17 J	0.12 J	NA	NA	< 0.35	NA	0.021 J	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Acetophenone	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	1.6 J	0.42 J	NA	NA	< 0.35	NA	0.064 J	NA
Atrazine	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	4.5	1.2	NA	NA	< 0.35	NA	0.29 J	NA
Benzo(a)pyrene	2	3	NS	mg/kg	3.9	1	NA	NA	< 0.35	NA	0.24 J	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	5.2	1.3	NA	NA	< 0.35	NA	0.3 J	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	1.2 J	0.53 J	NA	NA	< 0.35	NA	0.11 J	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	1.6 J	< 0.59 J	NA	NA	< 0.35	NA	0.13 J	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Caprolactam	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Carbazole	700	1310	NS	mg/kg	0.57 J	0.29 J	NA	NA	< 0.35	NA	0.048 J	NA
Chrysene	NS	NS	NS	mg/kg	4.1	1.2	NA	NA	< 0.35	NA	0.28 J	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.34 J	0.12 J	NA	NA	< 0.35	NA	< 0.36	NA
Dibenzofuran	104	810	NS	mg/kg	0.11 J	0.08 J	NA	NA	< 0.35	NA	0.011 J	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	10	2.9	NA	NA	0.0053 J	NA	0.61	NA
Fluorene	850	4120	NS	mg/kg	0.19 J	0.13 J	NA	NA	< 0.35	NA	0.019 J	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 18	< 4.4	NA	NA	< 1.7	NA	< 1.7	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	1.2 J	0.5 J	NA	NA	< 0.35	NA	0.097 J	NA
Isophorone	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	< 3.7	0.019 J	NA	NA	< 0.35	NA	< 0.36	NA
Nitrobenzene	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building Excavated Material				Paint Building - Enamel Booth Pit Excavated Material		Warehouse - Utilities (Storm/Sanitary) Excavated Material	
					SP30	SP30	SP030	SP030	SP45	SP045	SP52	SP052
					SP30_01 (20141007) 10/07/2014	SP30_02 (20141007) 10/07/2014	SP030_03(20141217) 12/17/2014	SP030_04(20141217) 12/17/2014	SP045_01(20141023) 10/23/2014	SP045_02 (20141222) 12/22/2014	SP052_1(20141107) 11/07/2014	SP052_02 (20141222) 12/22/2014
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	3.5 J	1.4	NA	NA	< 0.35	NA	0.27 J	NA
Phenol	1500	20203	NS	mg/kg	< 3.7	< 0.91	NA	NA	< 0.35	NA	< 0.36	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	7.9	2	NA	NA	0.0049 J	NA	0.5	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	5.3820	1.4384	ND	ND	ND	ND	0.3245	ND
Metals												
Aluminum	30000	100000	NS	mg/kg	2000	2300	NA	NA	2400	NA	NA	NA
Antimony	12	100	NS	mg/kg	< 0.97	< 0.95	NA	NA	< 0.91	NA	NA	NA
Arsenic	9	20	NS	mg/kg	2.1	2.1	NA	NA	1.9	NA	2.9	NA
Barium	1100	18000	NS	mg/kg	37	39	NA	NA	27	NA	97	NA
Beryllium	55	230	NS	mg/kg	0.13 J	0.15 J	NA	NA	0.15 J	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.12 J	0.11 J	NA	NA	0.086 J	NA	0.16 J	NA
Calcium	NS	NS	NS	mg/kg	17000	16000	NA	NA	14000	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	5.1	5.8	NA	NA	6.4	NA	7.0	NA
Cobalt	600	2600	NS	mg/kg	4 J	4.2 J	NA	NA	3.8 J	NA	NA	NA
Copper	100	9000	NS	mg/kg	5.9	4.7	NA	NA	6.8	NA	NA	NA
Iron	9000	75000	NS	mg/kg	6300	6700	NA	NA	7400	NA	NA	NA
Lead	300	700	NS	mg/kg	3.3	3.9	NA	NA	2.0	NA	5.4	NA
Magnesium	NS	NS	NS	mg/kg	5600	5100	NA	NA	4200	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	380	380	NA	NA	240	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.11	NA	NA	< 0.094	NA	0.018 J	NA
Nickel	560	2500	NS	mg/kg	9.1	9.7	NA	NA	9.1	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	330 J	370 J	NA	NA	490	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.48	< 0.47	NA	NA	< 0.45	NA	0.34 J	NA
Silver	160	1300	NS	mg/kg	< 0.48	< 0.47	NA	NA	< 0.45	NA	< 0.46	NA
Sodium	NS	NS	NS	mg/kg	< 480	< 470	NA	NA	62 J	NA	NA	NA
Thallium	3	21	NS	mg/kg	< 0.97	< 0.95	NA	NA	< 0.91	NA	NA	NA
Vanadium	30	250	NS	mg/kg	9.4	9.8	NA	NA	10	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	15	18	NA	NA	16	NA	NA	NA
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.035	NA	NA	NA
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	18 J	30	< 18 J	NA	25	NA
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	< 10	< 11	8.5 J	NA	< 10	NA
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building				Paint Building - Enamel Booth Pit		Warehouse - Utilities (Storm/Sanitary)	
					Excavated Material				Excavated Material		Excavated Material	
					SP30 SP30_01 (20141007) 10/07/2014	SP30 SP30_02 (20141007) 10/07/2014	SP30 SP30_03(20141217) 12/17/2014	SP30 SP30_04(20141217) 12/17/2014	SP45 SP045_01(20141023) 10/23/2014	SP045 SP045_02 (20141222) 12/22/2014	SP52 SP052_1(20141107) 11/07/2014	SP052 SP052_02 (20141222) 12/22/2014
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	< 250	< 250	NA	< 250	NA	< 250
Benzene	NS	NS	500	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Chloroform	NS	NS	6,000	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Trichloroethene	NS	NS	500	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
Vinyl chloride	NS	NS	200	ug/l	NA	NA	< 25	< 25	NA	< 25	NA	< 25
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	< 0.00080	< 0.00080	NA	< 0.00080	NA	< 0.00080
Hexachloroethane	NS	NS	3	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
Nitrobenzene	NS	NS	2	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
Pyridine	NS	NS	5	mg/l	NA	NA	< 0.0040	< 0.0040	NA	< 0.0040	NA	< 0.0040
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	< 0.50	< 0.50	NA	0.0045 J	NA	0.0049 J
Barium	NS	NS	100	mg/l	NA	NA	0.41 J	0.42 J	NA	0.67 J	NA	0.57 J
Cadmium	NS	NS	1	mg/l	NA	NA	0.00065 J	0.00084 J	NA	0.0012 J	NA	0.0016 J
Chromium	NS	NS	5	mg/l	NA	NA	< 0.50	< 0.50	NA	< 0.50	NA	< 0.50
Lead	NS	NS	5	mg/l	NA	NA	< 0.50	< 0.50	NA	< 0.50	NA	< 0.50
Mercury	NS	NS	0	mg/l	NA	NA	< 0.0020	< 0.0020	NA	< 0.0020	NA	< 0.0020
Selenium	NS	NS	1	mg/l	NA	NA	< 0.25	< 0.25	NA	< 0.25	NA	< 0.25
Silver	NS	NS	5	mg/l	NA	NA	< 0.50	< 0.50	NA	< 0.50	NA	< 0.50

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Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Sludge Pit (North/East Wall)	Feature 121 - Sludge Pits (North/East Wall)		Paint Building - Fan Farm Foundation (South)			
					Excavated Material	Excavated Material		Excavated Material			
					SP075	SP076	SP076	SP80	SP80	SP80	SP80
					SP075 (201411124) 11/24/2014	SP076 (201411124) 11/24/2014	SP076_02 (20141222) 12/22/2014	SP080_01 (20141126) 11/26/2014	SP080_02 (20141126) 11/26/2014	SP080_03(20141217) 12/17/2014	SP080_04(20141217) 12/17/2014
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	< 0.25	NA	0.032 J	< 0.27	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	< 0.25	NA	0.02 J	< 0.27	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	0.29	NA	< 0.28	< 0.27	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	0.012 J	NA	< 0.28	< 0.27	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	< 1	NA	< 1.1	< 1.1	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	< 1	NA	< 1.1	< 1.1	NA	NA
Acetone	340	1000	NS	mg/kg	NA	0.22 J	NA	< 1.1	< 1.1	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
Benzene	6	10	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Bromoform	370	650	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Bromomethane	0.7	2	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
CFC-11	67	195	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
CFC-12	16	50	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Chlorobenzene	11	32	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Chloroethane	1000	3000	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Chloroform	2.5	4	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Chloromethane	8	23	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	0.0070 J	NA	< 0.28	< 0.27	NA	NA
Dibromomethane	260	1860	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Dichloromethane	97	158	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
Ethylbenzene	200	200	NS	mg/kg	NA	2.6	NA	< 0.28	< 0.27	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Sludge Pit (North/East Wall)	Feature 121 - Sludge Pits (North/East Wall)		Paint Building - Fan Farm Foundation (South)			
					Excavated Material SP075 SP075 (20141124) 11/24/2014	Excavated Material		Excavated Material			
						SP076 SP076 (20141124) 11/24/2014	SP076 SP076_02 (20141222) 12/22/2014	SP80 SP080_01 (20141126) 11/26/2014	SP80 SP080_02 (20141126) 11/26/2014	SP80 SP080_03(20141217) 12/17/2014	SP80 SP080_04(20141217) 12/17/2014
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	NA	0.044 J	NA	< 0.28	< 0.27	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	NA	0.036 J	NA	0.033 J	< 0.54	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	< 1	NA	< 1.1	< 1.1	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	NA	< 0.5	NA	< 0.57	< 0.54	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	0.21 J	NA	0.047 J	0.011 J	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	NA	0.046 J	NA	< 0.28	< 0.27	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	NA	0.04 J	NA	< 0.28	< 0.27	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	NA	0.0070 J	NA	< 0.28	< 0.27	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	< 1	NA	< 1.1	< 1.1	NA	NA
Toluene	107	305	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Trichloroethene	29	46	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	< 0.25	NA	< 0.28	< 0.27	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	NA	7.3	NA	< 0.28	< 0.27	NA	NA
o-Xylene	NS	NS	NS	mg/kg	NA	0.064 J	NA	< 0.28	< 0.27	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	NA	7.364 J	NA	ND	ND	NA	NA
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.43	NA	< 4.3	< 0.43	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Sludge Pit (North/East Wall)	Feature 121 - Sludge Pits (North/East Wall)		Paint Building - Fan Farm Foundation (South)			
					Excavated Material SP075 SP075 (201411124) 11/24/2014	Excavated Material		Excavated Material			
						SP076 SP076 (201411124) 11/24/2014	SP076 SP076_02 (20141222) 12/22/2014	SP80 SP080_01 (20141126) 11/26/2014	SP80 SP080_02 (20141126) 11/26/2014	SP80 SP080_03(20141217) 12/17/2014	SP80 SP080_04(20141217) 12/17/2014
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	< 0.35	NA	0.32 J	0.0091 J	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	0.0037 J	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	< 0.35	NA	1.5 J	0.038 J	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	0.012 J	NA	4.9	0.19 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	< 0.35	NA	4.1	0.16 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	0.017 J	NA	5.5	0.24 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	< 0.35	NA	2.1 J	0.098 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	< 0.35	NA	2 J	0.09 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	< 0.35	NA	< 3.5	0.079 J	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	< 0.35	NA	1.1 J	0.029 J	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	0.011 J	NA	5	0.22 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	< 0.35	NA	0.54 J	0.029 J	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	< 0.35	NA	0.11 J	< 0.36	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	0.027 J	NA	10	0.38	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	< 0.35	NA	0.27 J	0.0085 J	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	< 1.7	NA	< 17	< 1.7	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	< 0.35	NA	1.9 J	0.093 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	0.0094 J	NA	< 3.5	< 0.36	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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					Excavated Material	Excavated Material		Excavated Material				
					SP075 SP075 (201411124) 11/24/2014	SP076 SP076 (201411124) 11/24/2014	SP076 SP076_02 (20141222) 12/22/2014	SP080 SP080_01 (20141126) 11/26/2014	SP080 SP080_02 (20141126) 11/26/2014	SP080 SP080_03(20141217) 12/17/2014	SP080 SP080_04(20141217) 12/17/2014	
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA	
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA	
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
p-Chloroaniline	NS	NS	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA	
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	80	120	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA	
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	NS	NS	NS	mg/kg	NA	0.013 J	NA	4.8	0.14 J	NA	NA	
Phenol	1500	20203	NS	mg/kg	NA	< 0.35	NA	< 3.5	< 0.36	NA	NA	
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Pyrene	890	5800	NS	mg/kg	NA	0.028 J	NA	8.3	0.33 J	NA	NA	
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	0.0030	ND	5.8833	0.2398	ND	ND	
Metals												
Aluminum	30000	100000	NS	mg/kg	NA	2700	NA	2900	2600	NA	NA	
Antimony	12	100	NS	mg/kg	NA	< 0.95	NA	< 0.88 J	< 0.91	NA	NA	
Arsenic	9	20	NS	mg/kg	NA	1.9	NA	1.9	1.8	NA	NA	
Barium	1100	18000	NS	mg/kg	NA	19	NA	46	23	NA	NA	
Beryllium	55	230	NS	mg/kg	NA	0.14 J	NA	0.21 J	0.14 J	NA	NA	
Cadmium	25	200	NS	mg/kg	NA	0.10 J	NA	0.10 J	0.095 J	NA	NA	
Calcium	NS	NS	NS	mg/kg	NA	19000	NA	12000 J	13000	NA	NA	
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	5.7	NA	6.7	6.5	NA	NA	
Cobalt	600	2600	NS	mg/kg	NA	3.6 J	NA	3.8 J	3.5 J	NA	NA	
Copper	100	9000	NS	mg/kg	NA	6.9	NA	7.8	8.1	NA	NA	
Iron	9000	75000	NS	mg/kg	NA	6900	NA	8700	6400	NA	NA	
Lead	300	700	NS	mg/kg	NA	1.9	NA	4.5	5.6	NA	NA	
Magnesium	NS	NS	NS	mg/kg	NA	6800 J	NA	4200	4700	NA	NA	
Manganese	3600	8100	NS	mg/kg	NA	170	NA	320	200	NA	NA	
Mercury	0.5	1.5	NS	mg/kg	NA	< 0.10	NA	< 0.10	< 0.10	NA	NA	
Nickel	560	2500	NS	mg/kg	NA	8.0	NA	9.4	8.5	NA	NA	
Potassium	NS	NS	NS	mg/kg	NA	390 J	NA	360 J	370 J	NA	NA	
Selenium	160	1300	NS	mg/kg	NA	0.44 J	NA	< 0.44	0.33 J	NA	NA	
Silver	160	1300	NS	mg/kg	NA	< 0.47	NA	< 0.44	< 0.46	NA	NA	
Sodium	NS	NS	NS	mg/kg	NA	90 J	NA	86 J	73 J	NA	NA	
Thallium	3	21	NS	mg/kg	NA	< 0.95	NA	< 0.88	< 0.91	NA	NA	
Vanadium	30	250	NS	mg/kg	NA	11	NA	15	10	NA	NA	
Zinc	8700	75000	NS	mg/kg	NA	14	NA	21	17	NA	NA	
PCBs												
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
TPH												
Diesel Range Organics***	100***	100***	NS	mg/kg	580	1400	NA	NA	NA	13	20	
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 11	6.9 J	NA	NA	NA	< 11	< 11	
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Other												
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA	
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA	
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA	

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Sludge Pit (North/East Wall)	Feature 121 - Sludge Pits (North/East Wall)		Paint Building - Fan Farm Foundation (South)				
					Excavated Material	Excavated Material		Excavated Material				
					SP075	SP076	SP076	SP80	SP80	SP80	SP80	
					SP075 (201411124) 11/24/2014	SP076 (201411124) 11/24/2014	SP076_02 (20141222) 12/22/2014	SP080_01 (20141126) 11/26/2014	SP080_02 (20141126) 11/26/2014	SP080_03(20141217) 12/17/2014	SP080_04(20141217) 12/17/2014	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
1,2-Dichloroethane	NS	NS	500	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
2-Butanone (MEK)	NS	NS	200,000	ug/l	34 J	NA	< 250	NA	NA	< 250	< 250	< 250
Benzene	NS	NS	500	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Carbon Tetrachloride	NS	NS	500	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Chlorobenzene	NS	NS	100,000	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Chloroform	NS	NS	6,000	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Tetrachloroethene	NS	NS	700	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Trichloroethene	NS	NS	500	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
Vinyl chloride	NS	NS	200	ug/l	< 25	NA	< 25	NA	NA	< 25	< 25	< 25
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
2,4,5-Trichlorophenol	NS	NS	400	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
2,4,6-Trichlorophenol	NS	NS	2	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
2,4-Dinitrotoluene	NS	NS	0	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
2-Methylphenol	NS	NS	NS	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
Hexachlorobenzene	NS	NS	0	mg/l	< 0.00080	NA	< 0.00080	NA	NA	< 0.00080	< 0.00080	< 0.00080
Hexachloroethane	NS	NS	3	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
Nitrobenzene	NS	NS	2	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
Pentachlorophenol	NS	NS	100	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
Pyridine	NS	NS	5	mg/l	< 0.0040	NA	< 0.0040	NA	NA	< 0.0040	< 0.0040	< 0.0040
TCLP Metals												
Arsenic	NS	NS	5	mg/l	< 0.50	NA	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50
Barium	NS	NS	100	mg/l	0.28 J	NA	0.33 J	NA	NA	0.39 J	0.39 J	0.39 J
Cadmium	NS	NS	1	mg/l	0.00095 J	NA	0.00075 J	NA	NA	0.0013 J	0.00086 J	0.00086 J
Chromium	NS	NS	5	mg/l	< 0.50	NA	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50
Lead	NS	NS	5	mg/l	< 0.50	NA	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50
Mercury	NS	NS	0	mg/l	< 0.0020	NA	< 0.0020	NA	NA	< 0.0020	< 0.0020	< 0.0020
Selenium	NS	NS	1	mg/l	< 0.25	NA	< 0.25	NA	NA	< 0.25	< 0.25	< 0.25
Silver	NS	NS	5	mg/l	< 0.50	NA	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits			MAB - Foundation Wall (South)	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)		
					Excavated Material SP082 SP082_01(20141205) 12/05/2014	Excavated Material SP082 SP082_02(20141205) 12/05/2014	Excavated Material SP082 SP082_03(20141205) 12/05/2014	Excavated Material SP083 SP083_01(20150123) 01/23/2015	Base Sample SP084 MAB_WP1_BASE_12 (20150128) 1/28/2015	Excavated Material SP084 SP084_01 (20150203) 02/03/2015	Excavated Material SP084 SP084_02 (20150203) 02/03/2015
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1	< 1	< 1.3	NA	< 83	NA	NA
2-Chlorotoluene	436	436	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1	< 1	< 1.3	NA	< 83	NA	NA
Acetone	340	1000	NS	mg/kg	< 1	< 1	< 1.3	NA	< 83	NA	NA
Allyl chloride	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
Benzene	6	10	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Bromobenzene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Bromochloromethane	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Bromodichloromethane	10	17	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Bromoform	370	650	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Bromomethane	0.7	2	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Carbon Disulfide	65	190	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
CFC-11	67	195	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
CFC-12	16	50	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Chlorobenzene	11	32	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Chlorodibromomethane	12	20	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Chloroethane	1000	3000	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Chloroform	2.5	4	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Chloromethane	8	23	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Cyclohexane	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Dibromomethane	260	1860	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Dichloromethane	97	158	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
Diethyl ether	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	1.5 J	NA	NA
Ethylbenzene	200	200	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	55	NA	NA

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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits			MAB - Foundation Wall (South)	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)		
					Excavated Material SP082 SP082_01(20141205) 12/05/2014	Excavated Material		Excavated Material SP083 SP083_01(20150123) 01/23/2015	Base Sample SP084 MAB_WP1_BASE_12 (20150128) 1/28/2015	Excavated Material	
						SP082 SP082_02(20141205) 12/05/2014	SP082 SP082_03(20141205) 12/05/2014			SP084 SP084_01 (20150203) 02/03/2015	SP084 SP084_02 (20150203) 02/03/2015
										NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Isopropylbenzene	30	87	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	1.8 J	NA	NA
Methyl Acetate	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1	< 1	< 1.3	NA	< 83	NA	NA
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.5	< 0.52	< 0.64	NA	< 42	NA	NA
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Naphthalene	10	28	NS	mg/kg	0.0088 J	< 0.26	< 0.32	NA	< 21	NA	NA
N-Butylbenzene	30	92	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
N-Propylbenzene	30	93	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	1.4 J	NA	NA
sec-Butylbenzene	25	70	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Styrene (Monomer)	210	600	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
tert-Butylbenzene	30	90	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Tetrachloroethene	72	131	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	200	NA	NA
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1	< 1	< 1.3	NA	< 83	NA	NA
Toluene	107	305	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
Trichloroethene	29	46	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	17 J	NA	NA
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	< 21	NA	NA
m,p-Xylene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	330	NA	NA
o-Xylene	NS	NS	NS	mg/kg	< 0.25	< 0.26	< 0.32	NA	110	NA	NA
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	ND	NA	440	NA	NA
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	0.0041 J	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Methylphenol	75	352	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.44	< 0.43	< 0.43	NA	< 7	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening Units	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits			MAB - Foundation Wall (South)	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)			
				Excavated Material	Excavated Material		Excavated Material	Base Sample	Excavated Material		
				SP082	SP082	SP082	SP083	SP084	SP084	SP084	
				SP082_01(20141205) 12/05/2014	SP082_02(20141205) 12/05/2014	SP082_03(20141205) 12/05/2014	SP083_01(20150123) 01/23/2015	MAB_WP1_BASE_12 (20150128) 1/28/2015	SP084_01 (20150203) 02/03/2015	SP084_02 (20150203) 02/03/2015	
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.067 J	0.0039 J	0.03 J	NA	< 5.8	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Acetophenone	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.26 J	0.014 J	0.2 J	NA	< 5.8	NA	NA
Atrazine	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.55	0.038 J	0.43	NA	< 5.8	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	0.43	0.034 J	0.32 J	NA	< 5.8	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.59	0.042 J	0.43	NA	< 5.8	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.3 J	0.021 J	0.2 J	NA	< 5.8	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.24 J	0.02 J	0.17 J	NA	< 5.8	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.16 J	< 0.36	< 0.36	NA	0.42 J	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Carbazole	700	1310	NS	mg/kg	0.16 J	< 0.36	0.095 J	NA	< 5.8	NA	NA
Chrysene	NS	NS	NS	mg/kg	0.53	0.037 J	0.41	NA	< 5.8	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.067 J	< 0.36	0.046 J	NA	< 5.8	NA	NA
Dibenzofuran	104	810	NS	mg/kg	0.03 J	< 0.36	0.013 J	NA	< 5.8	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	1.6	0.091 J	1.2	NA	< 5.8	NA	NA
Fluorene	850	4120	NS	mg/kg	0.063 J	0.0039 J	0.031 J	NA	< 5.8	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.7	< 1.7	NA	< 28	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.26 J	0.019 J	0.17 J	NA	< 5.8	NA	NA
Isophorone	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	0.0063 J	< 0.36	0.0037 J	NA	< 5.8	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits			MAB - Foundation Wall (South)	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)		
					Excavated Material SP082 SP082_01(20141205) 12/05/2014	Excavated Material SP082 SP082_02(20141205) 12/05/2014	Excavated Material SP082 SP082_03(20141205) 12/05/2014	Excavated Material SP083 SP083_01(20150123) 01/23/2015	Base Sample SP084 MAB_WP1_BASE_12 (20150128) 1/28/2015	Excavated Material SP084 SP084_01 (20150203) 02/03/2015	Excavated Material SP084 SP084_02 (20150203) 02/03/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.89	0.044 J	0.56	NA	< 5.8	NA	NA
Phenol	1500	20203	NS	mg/kg	< 0.36	< 0.36	< 0.36	NA	< 5.8	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	1.2	0.069 J	0.87	NA	< 5.8	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.6369	0.0463	0.4699	ND	ND	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	2000	2200	1500	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	< 1.0	< 0.84	< 0.92	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	1.2	1.9	1.4	NA	2.1	NA	NA
Barium	1100	18000	NS	mg/kg	22	26	49	NA	41	NA	NA
Beryllium	55	230	NS	mg/kg	0.11 J	0.13 J	0.093 J	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.049 J	0.065 J	0.070 J	NA	0.13 J	NA	NA
Calcium	NS	NS	NS	mg/kg	21000	13000	14000	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.6	6.1	4.1	NA	6.3	NA	NA
Cobalt	600	2600	NS	mg/kg	3.4 J	4.2	2.9 J	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	130	5.7	80	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	6400	7800	4500	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	2.3	2.5	2.1	NA	3.1	NA	NA
Magnesium	NS	NS	NS	mg/kg	5300	3800	3900	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	220	290	230	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	< 0.11	< 0.12	< 0.11	NA	< 0.12	NA	NA
Nickel	560	2500	NS	mg/kg	9.0	9.2	6.6	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	330 J	350 J	300 J	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.52	< 0.42	< 0.46	NA	< 0.5	NA	NA
Silver	160	1300	NS	mg/kg	< 0.52	< 0.42	< 0.46	NA	< 0.5	NA	NA
Sodium	NS	NS	NS	mg/kg	95 J	67 J	59 J	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	< 1.0	< 0.84	< 0.92	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	9.6	11	6.6	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	12	15	12	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	NA	NA	< 0.38	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	39	1100	710	470
Gasoline Range Organics***	100***	100***	NS	mg/kg	NA	NA	NA	17	720	56	< 11
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	Paint Building - Fan Farm Foundation (North) + Feature 121 - Sludge Pits			MAB - Foundation Wall (South)	MAB - Inverted P&F Pit/Work Pit (Bays A36-A41)			
					Excavated Material SP082	Excavated Material		Excavated Material SP083	Base Sample SP084	Excavated Material		
					SP082_01(20141205) 12/05/2014	SP082_02(20141205) 12/05/2014	SP082_03(20141205) 12/05/2014	SP083_01(20150123) 01/23/2015	MAB_WP1_BASE_12 (20150128) 1/28/2015	SP084_01 (20150203) 02/03/2015	SP084_02 (20150203) 02/03/2015	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	< 250	NA	< 250	< 250 J	
Benzene	NS	NS	500	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	< 25	NA	110	33 J	
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	< 25	NA	28	< 25 J	
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	< 25	NA	< 25	< 25 J	
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	< 0.00080	NA	< 0.00080	< 0.00080	
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
Pyridine	NS	NS	5	mg/l	NA	NA	NA	< 0.0040	NA	< 0.0040	< 0.0040	
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	< 0.50	NA	< 0.50	< 0.50	
Barium	NS	NS	100	mg/l	NA	NA	NA	0.48 J	NA	0.37 J	0.62 J	
Cadmium	NS	NS	1	mg/l	NA	NA	NA	< 0.10	NA	0.0014 J	0.0016 J	
Chromium	NS	NS	5	mg/l	NA	NA	NA	< 0.50	NA	< 0.50	0.0044 J	
Lead	NS	NS	5	mg/l	NA	NA	NA	< 0.50	NA	< 0.50	< 0.50	
Mercury	NS	NS	0	mg/l	NA	NA	NA	< 0.0020	NA	< 0.0020	0.0011 J	
Selenium	NS	NS	1	mg/l	NA	NA	NA	0.0044 J	NA	< 0.25	< 0.25	
Silver	NS	NS	5	mg/l	NA	NA	NA	< 0.50	NA	< 0.50	< 0.50	

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Tritone Sludge System (Bays C9-C10) - Interior MAB - Tritone Sludge System (Bays C9-C10)		MAB - Tritone Sludge System (Bays C9-C10)	MAB - Utilities (Northwest)		
					Excavated Material		Sidewall Sample	Excavated Material		
					SP085 SP085-01 (20150318) 03/18/2015	SP085 SP085-02 (20150318) 03/18/2015	SP085 MAB_TTP_SW-1 (20150320) 3/20/2015	SP086 MAB-TRENCH-29 (20150326) 3/26/2015	SP086 MAB-TRENCH-31 (20150326) 3/26/2015	SP086 MAB-TRENCH-37 (20150326) 3/26/2015
VOCs										
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1,1-Trichloroethane	140	472	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1,2-Trichloroethane	9	14	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1-Dichloroethane	34	55	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1-Dichloroethene	20	60	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,1-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	NA	NA	< 0.86	< 0.29	0.27	< 0.3
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	< 0.5	< 0.61
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2-Dichlorobenzene	26	75	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2-Dichloroethane	4	6	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,2-Dichloropropane	4	6	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	NA	NA	< 0.86	< 0.29	0.16 J	< 0.3
1,3-Dichlorobenzene	26	200	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,3-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
1,4-Dichlorobenzene	30	50	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
2,2-Dichloropropane	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
2-Butanone (MEK)	5500	19000	NS	mg/kg	NA	NA	< 3.4	< 1.2	< 1	< 1.2
2-Chlorotoluene	436	436	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
4-Chlorotoluene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	NA	NA	< 3.4	< 1.2	< 1	< 1.2
Acetone	340	1000	NS	mg/kg	NA	NA	< 3.4	< 1.2	< 1	< 1.2
Allyl chloride	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	< 0.5	< 0.61
Benzene	6	10	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Bromobenzene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Bromochloromethane	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Bromodichloromethane	10	17	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Bromoform	370	650	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Bromomethane	0.7	2	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Carbon Disulfide	65	190	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
CFC-11	67	195	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
CFC-12	16	50	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Chlorobenzene	11	32	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Chlorodibromomethane	12	20	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Chloroethane	1000	3000	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Chloroform	2.5	4	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Chloromethane	8	23	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
cis-1,2-Dichloroethene	8	22	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Cyclohexane	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	< 0.5	< 0.61
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	0.095 J	< 0.3
Dibromomethane	260	1860	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Dichloromethane	97	158	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Dichloromonofluoromethane	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	< 0.5	< 0.61
Diethyl ether	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	< 0.5	< 0.61
Ethylbenzene	200	200	NS	mg/kg	NA	NA	3.1	< 0.29	0.029 J	< 0.3

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Tritone Sludge System (Bays C9-C10) - Interior MAB - Tritone Sludge System (Bays C9-C10)		MAB - Tritone Sludge System (Bays C9-C10)	MAB - Utilities (Northwest)		
					Excavated Material		Sidewall Sample	Excavated Material		
					SP085 SP085-01 (20150318) 03/18/2015	SP085 SP085-02 (20150318) 03/18/2015	SP085 MAB_TTP_SW-1 (20150320) 3/20/2015	SP086 MAB-TRENCH-29 (20150326) 3/26/2015	SP086 MAB-TRENCH-31 (20150326) 3/26/2015	SP086 MAB-TRENCH-37 (20150326) 3/26/2015
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Isopropylbenzene	30	87	NS	mg/kg	NA	NA	0.17 J	< 0.29	< 0.25	< 0.3
Methyl Acetate	NS	NS	NS	mg/kg	NA	NA	< 1.7	0.15 J	0.035 J	< 0.61
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	NA	NA	< 3.4	< 1.2	< 1	< 1.2
Methylcyclohexane	NS	NS	NS	mg/kg	NA	NA	< 1.7	< 0.59	0.073 J	< 0.61
Methyl-tert-butylether	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Naphthalene	10	28	NS	mg/kg	NA	NA	< 0.86	0.026 J	0.2 J	0.016 J
N-Butylbenzene	30	92	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
N-Propylbenzene	30	93	NS	mg/kg	NA	NA	< 0.86	< 0.29	0.016 J	< 0.3
sec-Butylbenzene	25	70	NS	mg/kg	NA	NA	< 0.86	< 0.29	0.058 J	< 0.3
Styrene (Monomer)	210	600	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
tert-Butylbenzene	30	90	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Tetrachloroethene	72	131	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Tetrahydrofuran	NS	NS	NS	mg/kg	NA	NA	0.18 J	< 1.2	< 1	< 1.2
Toluene	107	305	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
trans-1,2-Dichloroethene	11	33	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Trichloroethene	29	46	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
Vinyl chloride	0.8	2.2	NS	mg/kg	NA	NA	< 0.86	< 0.29	< 0.25	< 0.3
m,p-Xylene	NS	NS	NS	mg/kg	NA	NA	15	< 0.29	0.11 J	< 0.3
o-Xylene	NS	NS	NS	mg/kg	NA	NA	2.2	< 0.29	0.051 J	< 0.3
Total Xylenes*	45*	110*	NS	mg/kg	NA	NA	17.2	ND	0.161 J	ND
SVOCs										
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	0.041 J	NA	NA	< 0.39
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.0061 J
2-Methylphenol	75	352	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	< 0.45	NA	NA	< 0.47
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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St. Paul, Minnesota

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					Excavated Material		Sidewall Sample	Excavated Material		
					SP085 SP085-01 (20150318) 03/18/2015	SP085 SP085-02 (20150318) 03/18/2015	SP085 MAB_TTP_SW-1 (20150320) 3/20/2015	SP086 MAB-TRENCH-29 (20150326) 3/26/2015	SP086 MAB-TRENCH-31 (20150326) 3/26/2015	SP086 MAB-TRENCH-37 (20150326) 3/26/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	< 1.8	NA	NA	< 1.9
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.0056 J
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Acetophenone	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.0081 J
Atrazine	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	0.0032 J	NA	NA	0.023 J
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.017 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	0.0059 J	NA	NA	0.023 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.012 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.013 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	0.033 J	NA	NA	0.091 J
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	0.083 J	NA	NA	< 0.39
Caprolactam	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.043 J
Carbazole	700	1310	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Chrysene	NS	NS	NS	mg/kg	NA	NA	0.0031 J	NA	NA	0.026 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Dibenzofuran	104	810	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	0.0053 J	NA	NA	0.05 J
Fluorene	850	4120	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.0059 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	< 1.8 J	NA	NA	< 1.9
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.011 J
Isophorone	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.011 J
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Tritone Sludge System (Bays C9-C10) - Interior MAB - Tritone Sludge System (Bays C9-C10)		MAB - Tritone Sludge System (Bays C9-C10)	MAB - Utilities (Northwest)		
					Excavated Material		Sidewall Sample	Excavated Material		
					SP085 SP085-01 (20150318) 03/18/2015	SP085 SP085-02 (20150318) 03/18/2015	SP085 MAB_TTP_SW-1 (20150320) 3/20/2015	SP086 MAB-TRENCH-29 (20150326) 3/26/2015	SP086 MAB-TRENCH-31 (20150326) 3/26/2015	SP086 MAB-TRENCH-37 (20150326) 3/26/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	< 0.37	NA	NA	0.036 J
Phenol	1500	20203	NS	mg/kg	NA	NA	< 0.37	NA	NA	< 0.39
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	0.005 J	NA	NA	0.039 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	ND	ND	0.000941 J	NA	NA	0.0242 J
Metals										
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	3.7	NA	NA	5.2
Barium	1100	18000	NS	mg/kg	NA	NA	82 J	NA	NA	80
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	0.17 J	NA	NA	1
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	46 J	NA	NA	15
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	5.5	NA	NA	30
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	0.057 J	NA	NA	0.015 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	< 0.48	NA	NA	0.72
Silver	160	1300	NS	mg/kg	NA	NA	< 0.48	NA	NA	< 0.46
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
PCBs										
Aroclor 1016	1.2	8	NS	mg/kg	< 0.036	< 0.038	NA	NA	< 0.037	< 0.038
Aroclor 1221	1.2	8	NS	mg/kg	< 0.036	< 0.038	NA	NA	< 0.037	< 0.038
Aroclor 1232	1.2	8	NS	mg/kg	< 0.036	< 0.038	NA	NA	< 0.037	< 0.038
Aroclor 1242	1.2	8	NS	mg/kg	< 0.036	0.061	NA	NA	0.021 J	< 0.038
Aroclor 1248	1.2	8	NS	mg/kg	< 0.036	< 0.038	NA	NA	< 0.037	< 0.038
Aroclor 1254	1.2	8	NS	mg/kg	< 0.036	< 0.038	NA	NA	0.087	< 0.038
Aroclor 1260	1.2	8	NS	mg/kg	< 0.036	0.031 J	NA	NA	< 0.037	< 0.038
TPH										
Diesel Range Organics***	100***	100***	NS	mg/kg	25	330	5.6 J	48	6400	75
Gasoline Range Organics***	100***	100***	NS	mg/kg	30	360	19	< 11	210	< 14
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Other										
Cyanide	60	5000	NS	mg/kg	NA	NA	< 0.57	NA	NA	< 0.56
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA

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					Excavated Material		Sidewall Sample	Excavated Material		
					SP085	SP085	SP085	SP086	SP086	SP086
					SP085-01 (20150318) 03/18/2015	SP085-02 (20150318) 03/18/2015	MAB_TTP_SW-1 (20150320) 3/20/2015	MAB-TRENCH-29 (20150326) 3/26/2015	MAB-TRENCH-31 (20150326) 3/26/2015	MAB-TRENCH-37 (20150326) 3/26/2015
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA
TCLP VOCs										
1,1-Dichloroethene	NS	NS	700	ug/l	< 25	< 25	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	< 25	< 25	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	< 250	< 250	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	< 25	< 25	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	< 25	< 25	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	< 25	< 25	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	< 25	< 25	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	< 25	< 25	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	< 25	< 25	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	< 25	< 25	NA	NA	NA	NA
TCLP SVOCs										
1,4-Dichlorobenzene	NS	NS	8	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	< 0.0040	0.00099 J	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	< 0.00080	< 0.00080	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	< 0.0040	< 0.0040	NA	NA	NA	NA
TCLP Metals										
Arsenic	NS	NS	5	mg/l	< 0.50	< 0.50	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	0.85 J	1.0 J	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	0.0018 J	0.0013 J	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	< 0.50	< 0.50	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	< 0.50	0.025 J	< 0.5	NA	NA	< 0.5
Mercury	NS	NS	0	mg/l	< 0.0020	< 0.0020	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	0.0055 J	0.0043 J	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	< 0.50	< 0.50	NA	NA	NA	NA

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Table 6
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (Central)			MAB - Cable Vault (Bays F5-G5)	MAB - Interior Footings		MAB - LCL Dock (Bays P8-Q14)
					SP087	Excavated Material	SP087	Base Sample	Excavated Material	Base Sample	Base Sample
					MAB-TRENCH-18 (20150326) 3/26/2015	SP087 SP087_01(20150923) 09/23/2015	SP087 SP087_02(20150923) 09/23/2015	MAB-J24-BASE (20150331) 3/31/2015	MAB-P18 (20150327) 3/27/2015	MAB-P18-BASE (20150327) 3/27/2015	MAB-LD-BASE-05 (20150327) 3/27/2015
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	0.076 J	NA	NA	3.2 J	< 0.26	< 0.23	1.6 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	NA	NA	< 2.3	< 0.52	< 0.46	< 2.8
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	NA	NA	1.2 J	< 0.26	< 0.23	0.76 J
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	NA	NA	< 4.6	< 1	< 0.91	< 5.6
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	NA	NA	< 4.6	< 1	< 0.91	< 5.6
Acetone	340	1000	NS	mg/kg	< 1.1	NA	NA	< 4.6	< 1	< 0.91	< 5.6
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	NA	NA	< 2.3	< 0.52	< 0.46	< 2.8
Benzene	6	10	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Bromoform	370	650	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Bromomethane	0.7	2	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Carbon Disulfide	65	190	NS	mg/kg	0.014 J	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
CFC-11	67	195	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
CFC-12	16	50	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Chlorobenzene	11	32	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Chloroethane	1000	3000	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Chloroform	2.5	4	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Chloromethane	8	23	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	NA	NA	3.3 J	< 0.52	< 0.46	< 2.8
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	NA	NA	0.84 J	< 0.26	< 0.23	0.11 J
Dibromomethane	260	1860	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Dichloromethane	97	158	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	NA	NA	< 2.3	< 0.52	< 0.46	< 2.8
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	NA	NA	< 2.3	< 0.52	< 0.46	< 2.8
Ethylbenzene	200	200	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	0.64 J

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					SP087 MAB-TRENCH-18 (20150326) 3/26/2015	Excavated Material SP087 SP087_01(20150923) 09/23/2015	SP087 SP087_02(20150923) 09/23/2015	Base Sample SP088 MAB-J24-BASE (20150331) 3/31/2015	Excavated Material SP089 MAB-P18 (20150327) 3/27/2015	Base Sample SP089 MAB-P18-BASE (20150327) 3/27/2015	Base Sample SP090 MAB-LD-BASE-05 (20150327) 3/27/2015
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	NA	NA	0.34 J	< 0.26	< 0.23	2.7 J
Methyl Acetate	NS	NS	NS	mg/kg	0.043 J	NA	NA	< 2.3	0.044 J	< 0.46	< 2.8
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	NA	NA	< 4.6	< 1	< 0.91	< 5.6
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	NA	NA	20 J	< 0.52	< 0.46	25 J
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Naphthalene	10	28	NS	mg/kg	0.11 J	NA	NA	0.4 J	< 0.26	0.0065 J	0.66 J
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	NA	NA	1.6 J	< 0.26	< 0.23	0.26 J
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	NA	NA	0.86 J	< 0.26	< 0.23	2.5 J
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	NA	NA	1.1 J	0.75	< 0.23	0.61 J
Styrene (Monomer)	210	600	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	NA	NA	< 1.2	0.049 J	< 0.23	0.075 J
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	NA	NA	1.5 J	< 1	< 0.91	< 5.6
Toluene	107	305	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Trichloroethene	29	46	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	< 1.4
m,p-Xylene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	3.7 J
o-Xylene	NS	NS	NS	mg/kg	< 0.27	NA	NA	< 1.2	< 0.26	< 0.23	0.31 J
Total Xylenes*	45*	110*	NS	mg/kg	ND	NA	NA	ND	ND	ND	4.01 J
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 2	NA	NA	0.018 J	< 2	< 0.4	0.026 J
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,4-Dichlorophenol	48	230	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2-Chlorophenol	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
2-Methylnaphthalene	100	369	NS	mg/kg	0.027 J	NA	NA	0.29 J	< 2	< 0.4	0.23 J
2-Methylphenol	75	352	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
2-Nitrophenol	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 2.5	NA	NA	< 0.46	< 2.4	< 0.48	< 0.48
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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					MAB-TRENCH-18 (20150326) 3/26/2015	SP087_01(20150923) 09/23/2015	SP087_02(20150923) 09/23/2015	SP088 MAB-J24-BASE (20150331) 3/31/2015	SP089 MAB-P18 (20150327) 3/27/2015	SP089 MAB-P18-BASE (20150327) 3/27/2015	SP090 MAB-LD-BASE-05 (20150327) 3/27/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
4-Nitrophenol	NS	NS	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.04 J	NA	NA	< 0.38	< 2	< 0.4	0.12 J
Acenaphthylene	NS	NS	NS	mg/kg	0.043 J	NA	NA	< 0.38	< 2	< 0.4	0.036 J
Acetophenone	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	0.1 J
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.16 J	NA	NA	0.0045 J	< 2	< 0.4	0.2 J
Atrazine	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Benzaldehyde	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.72 J	NA	NA	< 0.38	0.025 J	0.011 J	0.32 J
Benzo(a)pyrene	2	3	NS	mg/kg	0.54 J	NA	NA	< 0.38	0.023 J	0.013 J	0.24 J
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.85 J	NA	NA	< 0.38	0.03 J	0.014 J	0.35 J
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.39 J	NA	NA	< 0.38	0.029 J	0.012 J	0.16 J
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.35 J	NA	NA	< 0.38	< 2	0.0081 J	0.14 J
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 2	NA	NA	< 0.38	0.14 J	< 0.4	< 0.4
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Caprolactam	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Carbazole	700	1310	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	0.12 J
Chrysene	NS	NS	NS	mg/kg	0.93 J	NA	NA	< 0.38	0.034 J	0.013 J	0.34 J
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.11 J	NA	NA	< 0.38	< 2	< 0.4	0.048 J
Dibenzofuran	104	810	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	0.1 J
Diethyl phthalate	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Dimethyl phthalate	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.11 J	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	1.5 J	NA	NA	0.028 J	< 2	< 0.4	0.69
Fluorene	850	4120	NS	mg/kg	0.064 J	NA	NA	0.0054 J	0.052 J	< 0.4	0.19 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Hexachlorobenzene	5	9	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 9.9	NA	NA	< 1.8	< 9.8	< 1.9	< 1.9
Hexachloroethane	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.3 J	NA	NA	< 0.38	< 2	0.0087 J	0.14 J
Isophorone	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	0.084 J	NA	NA	< 0.38	< 2	< 0.4	0.49
Nitrobenzene	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA Tier I TCLP Screening	Units	MAB - Utilities (Central)			MAB - Cable Vault (Bays F5-G5)	MAB - Interior Footings		MAB - LCL Dock (Bays P8-Q14)
					SP087 MAB-TRENCH-18 (20150326) 3/26/2015	Excavated Material SP087 SP087_01(20150923) 09/23/2015	SP087 SP087_02(20150923) 09/23/2015	Base Sample SP088 MAB-J24-BASE (20150331) 3/31/2015	Excavated Material SP089 MAB-P18 (20150327) 3/27/2015	Base Sample SP089 MAB-P18-BASE (20150327) 3/27/2015	Base Sample SP090 MAB-LD-BASE-05 (20150327) 3/27/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.23 J	NA	NA	0.031 J	< 2	< 0.4	0.8
Phenol	1500	20203	NS	mg/kg	< 2	NA	NA	< 0.38	< 2	< 0.4	< 0.4
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	1.5 J	NA	NA	0.025 J	< 2	< 0.4	0.58
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.833 J	NA	NA	ND	0.0288 J	0.0173 J	0.365 J
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	14	NA	NA	3.1	4.2	5	2.7
Barium	1100	18000	NS	mg/kg	270	NA	NA	27	53	41	69
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	16	NA	NA	< 0.19	0.12 J	0.069 J	0.14 J
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	19	NA	NA	8.8	11	12	9
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	870	NA	NA	3.7	5.3	4.5	5.4
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	56	NA	NA	< 0.13	0.02 J	0.02 J	0.022 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.43	NA	NA	1.4	< 0.49	< 0.56	< 0.5
Silver	160	1300	NS	mg/kg	< 0.43	NA	NA	< 0.48	< 0.49	< 0.56	< 0.5
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1221	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1232	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1242	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1248	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1254	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
Aroclor 1260	1.2	8	NS	mg/kg	< 0.041	NA	NA	< 0.37	< 0.04	< 0.04	< 0.04
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	1600	NA	NA	350	440	< 10	34
Gasoline Range Organics***	100***	100***	NS	mg/kg	380	NA	NA	1900	590	< 12	530
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	1.3	NA	NA	< 0.55	< 0.59	2.9	< 0.6
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (Central)			MAB - Cable Vault (Bays F5-G5)	MAB - Interior Footings		MAB - LCL Dock (Bays P8-Q14)
					SP087	Excavated Material	SP087	Base Sample	Excavated Material	Base Sample	Base Sample
					MAB-TRENCH-18 (20150326) 3/26/2015	SP087 SP087_01(20150923) 09/23/2015	SP087 SP087_02(20150923) 09/23/2015	SP088 MAB-J24-BASE (20150331) 3/31/2015	SP089 MAB-P18 (20150327) 3/27/2015	SP089 MAB-P18-BASE (20150327) 3/27/2015	SP090 MAB-LD-BASE-05 (20150327) 3/27/2015
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA
TCLP Metals											
Arsenic	NS	NS	5	mg/l	NA	< 0.50	0.0061 J	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	0.46 J	0.72 J	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	NA	< 0.10	0.0041 J	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	< 0.50	< 0.50	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	2.2	< 0.50	0.054 J	< 0.5	< 0.5	< 0.5	0.002 J
Mercury	NS	NS	0	mg/l	NA	< 0.0020	< 0.0020	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	NA	0.0043 J	< 0.25	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	< 0.50	< 0.50	NA	NA	NA	NA

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Table 6
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Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (West)		MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)			MAB - Foundation Wall
					Excavated Material SP091	Base Sample SP091	Base Sample SP092		SP092	Base Sample SP093
					MAB-SWP-79 (20150402)	MAB-SWP-79BASE (20150402)	MAB-E35-TRENCH-BASE (20150407)	SP092-01 (20150407)	SP092_02(20150923)	MAB_NEFW_BASE_3(20150403)
					4/2/2015	4/2/2015	4/7/2015	04/07/2015	09/23/2015	4/3/2015
VOCs										
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	0.0071 J	< 0.25	< 0.25	23 J	NA	0.013 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	< 0.44
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.27	< 0.25	< 0.25	6.4 J	NA	< 0.22
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1	< 1	< 370	NA	< 0.88
2-Chlorotoluene	436	436	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1	< 1	< 370	NA	< 0.88
Acetone	340	1000	NS	mg/kg	< 1.1	< 1	< 1	< 370	NA	< 0.88
Allyl chloride	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	< 0.44
Benzene	6	10	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Bromobenzene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Bromochloromethane	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Bromodichloromethane	10	17	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Bromoform	370	650	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Bromomethane	0.7	2	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Carbon Disulfide	65	190	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
CFC-11	67	195	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
CFC-12	16	50	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Chlorobenzene	11	32	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Chlorodibromomethane	12	20	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Chloroethane	1000	3000	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Chloroform	2.5	4	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Chloromethane	8	23	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Cyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	< 0.44
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Dibromomethane	260	1860	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Dichloromethane	97	158	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	< 0.44
Diethyl ether	NS	NS	NS	mg/kg	< 0.54	0.015 J	< 0.5	< 190	NA	< 0.44
Ethylbenzene	200	200	NS	mg/kg	0.023 J	< 0.25	< 0.25	< 93	NA	< 0.22

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Ford Motor Company
Twin Cities Assembly Plant
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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (West)		MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)			MAB - Foundation Wall	
					Excavated Material SP091 MAB-SWP-79 (20150402)	Base Sample SP091 MAB-SWP-79BASE (20150402)	Base Sample SP092		Base Sample SP092	SP092	Base Sample SP093
					MAB-SWP-79 (20150402)	MAB-SWP-79BASE (20150402)	MAB-E35-TRENCH-BASE (20150407)	SP092-01 (20150407)	SP092-02(20150923)	MAB_NEFW_BASE_3(20150403)	
					4/2/2015	4/2/2015	4/7/2015	04/07/2015	09/23/2015	4/3/2015	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Isopropylbenzene	30	87	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Methyl Acetate	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	0.073 J	
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1	< 1	< 370	NA	< 0.88	
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.54	< 0.51	< 0.5	< 190	NA	< 0.44	
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Naphthalene	10	28	NS	mg/kg	< 0.27	< 0.25	< 0.25	7.7 J	NA	< 0.22	
N-Butylbenzene	30	92	NS	mg/kg	< 0.27	< 0.25	< 0.25	7.1 J	NA	0.026 J	
N-Propylbenzene	30	93	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
sec-Butylbenzene	25	70	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	0.0087 J	
Styrene (Monomer)	210	600	NS	mg/kg	0.012 J	0.0086 J	< 0.25	< 93	NA	< 0.22	
tert-Butylbenzene	30	90	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Tetrachloroethene	72	131	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	0.18 J	< 1	< 370	NA	< 0.88	
Toluene	107	305	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
Trichloroethene	29	46	NS	mg/kg	< 0.27	< 0.25	0.14 J	3100	NA	< 0.22	
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.27	< 0.25	< 0.25	< 93	NA	< 0.22	
m,p-Xylene	NS	NS	NS	mg/kg	0.088 J	< 0.25	< 0.25	14 J	NA	< 0.22	
o-Xylene	NS	NS	NS	mg/kg	0.026 J	< 0.25	< 0.25	< 93	NA	< 0.22	
Total Xylenes*	45*	110*	NS	mg/kg	0.114 J	ND	ND	14 J	NA	ND	
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	0.2 J	NA	NA	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA	
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA	
2-Methylnaphthalene	100	369	NS	mg/kg	0.0093 J	< 0.36	< 0.38	0.95 J	NA	NA	
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA	
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA	
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA	
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.45	< 0.44	< 0.46	< 9.6	NA	NA	
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA	
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	

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Table 6
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (West)		MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)			MAB - Foundation Wall
					Excavated Material SP091 MAB-SWP-79 (20150402)	Base Sample SP091 MAB-SWP-79BASE (20150402)	SP092 MAB-E35-TRENCH-BASE (20150407)	Base Sample SP092 SP092-01 (20150407)	SP092 SP092_02(20150923)	Base Sample SP093 MAB_NEFW_BASE_3(20150403)
					4/2/2015	4/2/2015	4/7/2015	04/07/2015	09/23/2015	4/3/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 1.7	< 1.8	< 38	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.016 J	0.0062 J	< 0.38	2.3 J	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.022 J	0.013 J	< 0.38	3.4 J	NA	NA
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.085 J	0.075 J	0.0067 J	11	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	0.066 J	0.073 J	0.0054 J	11	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.11 J	0.1 J	0.008 J	16	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.041 J	0.055 J	0.0057 J	7 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.036 J	0.055 J	< 0.38	6.6 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	0.67	0.029 J	< 0.38	< 7.9	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	0.023 J	< 0.36	< 0.38	< 7.9	NA	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Carbazole	700	1310	NS	mg/kg	< 0.37	< 0.36	< 0.38	2.8 J	NA	NA
Chrysene	NS	NS	NS	mg/kg	0.11 J	0.1 J	0.0092 J	14	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	0.014 J	0.013 J	< 0.38	1.8 J	NA	NA
Dibenzofuran	104	810	NS	mg/kg	0.0079 J	< 0.36	< 0.38	1.1 J	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.028 J	< 0.36	< 0.38	1.2 J	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.18 J	0.16 J	0.014 J	29	NA	NA
Fluorene	850	4120	NS	mg/kg	0.014 J	0.0059 J	< 0.38	1.9 J	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 1.7 J	< 1.8	< 38	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	0.039 J	0.043 J	< 0.38	6.4 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	0.0067 J	< 0.36	< 0.38	4.4 J	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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Table 6
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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (West)		MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)			MAB - Foundation Wall
					Excavated Material SP091 MAB-SWP-79 (20150402)	Base Sample SP091 MAB-SWP-79BASE (20150402)	SP092 MAB-E35-TRENCH-BASE (20150407)	Base Sample SP092 SP092-01 (20150407)	SP092 SP092_02(20150923)	Base Sample SP093 MAB_NEFW_BASE_3(20150403)
					4/2/2015	4/2/2015	4/7/2015	04/07/2015	09/23/2015	4/3/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.1 J	0.065 J	0.0089 J	19	NA	NA
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.36	< 0.38	< 7.9	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.15 J	0.13 J	0.013 J	24	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.101 J	0.108 J	0.0069 J	16.1509589	NA	NA
Metals										
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	1.8	1.5	2.8	4.1	NA	NA
Barium	1100	18000	NS	mg/kg	23	25	45	250	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.23	0.1 J	0.16 J	3.6	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	6.3	6	8.1	81	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	9.9	7.1	4.2	990	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	0.02 J	0.016 J	0.016 J	7.1	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.53	< 0.42	< 0.42	< 0.57	NA	NA
Silver	160	1300	NS	mg/kg	< 0.53	< 0.42	< 0.42	0.25 J	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
PCBs										
Aroclor 1016	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	< 0.04	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	< 0.04	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	< 0.04	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	< 0.04	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	0.059	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	< 0.04	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	< 0.075	< 0.037	< 0.037	0.033 J	NA	NA
TPH										
Diesel Range Organics***	100***	100***	NS	mg/kg	99	5.8 J	20	1400	NA	590
Gasoline Range Organics***	100***	100***	NS	mg/kg	3.9 J	3.8 J	24	3000	NA	22
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Other										
Cyanide	60	5000	NS	mg/kg	< 0.63	< 0.5	2.1	0.78	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities (West)		MAB - Utilities MAB - Steam Tunnel (Bays AA27-N27)			MAB - Foundation Wall
					Excavated Material SP091 MAB-SWP-79 (20150402) 4/2/2015	Base Sample SP091 MAB-SWP-79BASE (20150402) 4/2/2015	SP092 MAB-E35-TRENCH-BASE (20150407) 4/7/2015	Base Sample SP092 SP092-01 (20150407) 04/07/2015	SP092 SP092_02(20150923) 09/23/2015	Base Sample SP093 MAB_NEFW_BASE_3(20150403) 4/3/2015
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA
TCLP VOCs										
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	< 0.025	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	< 0.025	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	< 0.25	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	< 0.025	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	< 0.025	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	< 0.025	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	< 0.025	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	< 0.025	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	< 0.025	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	< 0.025	NA
TCLP SVOCs										
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
TCLP Metals										
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	0.0053 J	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	0.54 J	NA
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	0.0014 J	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	< 0.50	NA
Lead	NS	NS	5	mg/l	< 0.5	< 0.5	< 0.5	0.29 J	< 0.50	NA
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	< 0.0020	NA
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	0.0046 J	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	< 0.50	NA

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St. Paul, Minnesota

Location	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Foundation Wall (Northeast) SP093 MAB_NEFW_BASE_7(20150403) 4/3/2015	MAB - Foundation Wall (Interior) - (Northeast) Base Sample SP94 MAB-NEIW-BASE (20150406) 4/6/2015	Feature 70 (Containment Pit) - North Central (Bays N14-P15) Base Sample SP095 MAB-CPT-BASE4 (20150409) 4/9/2015	MAB - Tank Farm Trench Base Sample SP096 MAB-TFT-BASE (20150414) 4/14/2015	MAB - Small Parts Enamel Sludge Pit Sidewall Sample SP097 MAB-ESB-SW-B (20150417) 4/17/2015	Feature 104 (Former Paint Operations) Base Sample SP098 MAB-PAINTOP-BASE2 (20150410) 4/10/2015
VOCs										
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.23	< 0.28	0.33 J	180	0.012 J	< 1.5 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	< 11	< 0.6	< 3 J
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.23	< 0.28	0.12 J	30	0.012 J	< 1.5 J
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.91	< 1.1	< 11	< 22	0.14 J	< 5.9 J
2-Chlorotoluene	436	436	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.91	< 1.1	< 11	< 22	< 1.2	< 5.9 J
Acetone	340	1000	NS	mg/kg	< 0.91	< 1.1	< 11	< 22	< 1.2	< 5.9 J
Allyl chloride	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	< 11	< 0.6	< 3 J
Benzene	6	10	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Bromobenzene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Bromochloromethane	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Bromodichloromethane	10	17	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Bromoform	370	650	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Bromomethane	0.7	2	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Carbon Disulfide	65	190	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
CFC-11	67	195	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
CFC-12	16	50	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Chlorobenzene	11	32	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Chlorodibromomethane	12	20	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Chloroethane	1000	3000	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Chloroform	2.5	4	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Chloromethane	8	23	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Cyclohexane	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	< 11	< 0.6	1.1 J
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.23	< 0.28	0.17 J	10	0.0079 J	0.41 J
Dibromomethane	260	1860	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Dichloromethane	97	158	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	0.46 J
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	< 11	< 0.6	< 3 J
Diethyl ether	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	< 11	< 0.6	< 3 J
Ethylbenzene	200	200	NS	mg/kg	< 0.23	< 0.28	24	8.8	3.8	11 J

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

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Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Isopropylbenzene	30	87	NS	mg/kg	< 0.23	< 0.28	2.1 J	8.6	0.083 J	2.9 J
Methyl Acetate	NS	NS	NS	mg/kg	< 0.46	0.084 J	< 5.4	< 11	0.44 J	< 3 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.91	< 1.1	< 11	< 22	< 1.2	< 5.9 J
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.46	< 0.56	< 5.4	82	< 0.6	3.1 J
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Naphthalene	10	28	NS	mg/kg	< 0.23	< 0.28	0.18 J	37	0.028 J	0.43 J
N-Butylbenzene	30	92	NS	mg/kg	< 0.23	0.34	0.11 J	59	< 0.3	4.4 J
N-Propylbenzene	30	93	NS	mg/kg	< 0.23	< 0.28	0.3 J	31	0.041 J	5.8 J
sec-Butylbenzene	25	70	NS	mg/kg	< 0.23	0.47	< 2.7	12	< 0.3	5.5 J
Styrene (Monomer)	210	600	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
tert-Butylbenzene	30	90	NS	mg/kg	< 0.23	0.059 J	< 2.7	< 5.5	< 0.3	0.49 J
Tetrachloroethene	72	131	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.91	< 1.1	< 11	< 22	< 1.2	< 5.9 J
Toluene	107	305	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	0.031 J	< 1.5 J
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Trichloroethene	29	46	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.23	< 0.28	< 2.7	< 5.5	< 0.3	< 1.5 J
m,p-Xylene	NS	NS	NS	mg/kg	< 0.23	< 0.28	52	9.5	10	21 J
o-Xylene	NS	NS	NS	mg/kg	< 0.23	< 0.28	3	< 5.5	4	4.2 J
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND	55	9.5	14	25.2 J
SVOCs										
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	< 2	0.027 J	0.063 J	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	< 2	0.1 J	13	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	< 2.4	< 1.2	< 4.6	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	0.1 J	0.064 J	< 3.8	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	< 2	0.011 J	< 3.8	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	0.12 J	0.052 J	0.11 J	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	0.34 J	0.13 J	0.23 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	0.29 J	0.096 J	0.22 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	0.38 J	0.15 J	0.26 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	0.2 J	0.052 J	0.088 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	0.18 J	0.051 J	0.08 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	0.13 J	0.88 J	< 3.8	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	0.34 J	0.14 J	0.23 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	0.048 J	< 0.96	< 3.8	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	< 2	0.049 J	< 3.8	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	< 2	0.097 J	< 3.8	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	0.8 J	0.3 J	0.62 J	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	0.11 J	0.065 J	0.071 J	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	< 9.7	< 4.6	< 18	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	0.15 J	0.054 J	0.15 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	< 2	0.065 J	11	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	0.31 J	0.26 J	0.47 J	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	< 2	< 0.96	< 3.8	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	0.8 J	0.25 J	0.47 J	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	0.425 J	0.136 J	0.294 J	NA	NA
Metals										
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	1.5	2.4	2.3	NA	NA
Barium	1100	18000	NS	mg/kg	NA	100 J	35	62	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	0.1 J	0.19	0.12 J	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	9.8	8.1	8.1	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	8.4	14	9.5	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	0.023 J	< 0.1	< 0.12	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	0.51	< 0.44	< 0.52	NA	NA
Silver	160	1300	NS	mg/kg	NA	< 0.51	< 0.44	< 0.52	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
PCBs										
Aroclor 1016	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	< 0.04	< 0.19	< 0.37	NA	NA
TPH										
Diesel Range Organics***	100***	100***	NS	mg/kg	29	650	71	2000	3.7 J	760
Gasoline Range Organics***	100***	100***	NS	mg/kg	7.5 J	560	71	6700	140	4400
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Other										
Cyanide	60	5000	NS	mg/kg	NA	< 0.59	< 0.58	0.7	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Foundation Wall (Northeast) SP093 MAB_NEFW_BASE_7(20150403) 4/3/2015	MAB - Foundation Wall (Interior) - (Northeast) Base Sample SP94 MAB-NEIW-BASE (20150406) 4/6/2015	Feature 70 (Containment Pit) - North Central (Bays N14-P15) Base Sample SP095 MAB-CPT-BASE4 (20150409) 4/9/2015	MAB - Tank Farm Trench Base Sample SP096 MAB-TFT-BASE (20150414) 4/14/2015	MAB - Small Parts Enamel Sludge Pit Sidewall Sample SP097 MAB-ESB-SW-B (20150417) 4/17/2015	Feature 104 (Former Paint Operations) Base Sample SP098 MAB-PAINTOP-BASE2 (20150410) 4/10/2015
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA
TCLP VOCs										
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA
TCLP SVOCs										
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
TCLP Metals										
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	0.0029 J	< 0.5	0.016 J	NA	NA
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA

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Location	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Exterior Foundation Wall (East) Sidewall Sample SP099 MAB-EXFW-SW-1 (20150409) 4/9/2015	Feature 80 (Glass Basement) - Pit Excavated Material SP101 MAB_GLASS_PIT_01 (20150427) 4/27/2015	MAB - Utilities Excavated Material SP102 MAB-SWP-PILE (20150414) 4/14/2015	Paint Building - Foundation Footings Base Sample SP103 - SP107 PB-FTN-EBASE (20150416) 4/16/2015	Paint Building - Footing Base Sample SP108 / SP109 PB_AG29_BASE_01 (20150424) 4/24/2015	Feature 80 (Glass Basement) / Feature 60 (Former Railroad Spur) Excavated Material SP112 MAB_GLASS_56 (20150427) 4/27/2015
VOCs										
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1-Dichloroethane	34	55	NS	mg/kg	0.087 J	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	1.1	< 0.26	< 0.29	20	0.0077 J	0.0063 J
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.59	< 3.8	< 0.52	< 0.57
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	0.29	< 0.26	< 0.29	8.7	< 0.26	< 0.29
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
2-Butanone (MEK)	5500	19000	NS	mg/kg	0.087 J	< 1	< 1.2	< 7.6	< 1	< 1.1
2-Chlorotoluene	436	436	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	1.2	< 1	< 1.2	< 7.6	< 1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1	< 1	< 1.2	< 7.6	< 1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.59	< 3.8	< 0.52	< 0.57
Benzene	6	10	NS	mg/kg	0.23 J	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Bromobenzene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Bromochloromethane	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Bromodichloromethane	10	17	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Bromoform	370	650	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Bromomethane	0.7	2	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Carbon Disulfide	65	190	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
CFC-11	67	195	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
CFC-12	16	50	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Chlorobenzene	11	32	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Chlorodibromomethane	12	20	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Chloroethane	1000	3000	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Chloroform	2.5	4	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Chloromethane	8	23	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
cis-1,2-Dichloroethene	8	22	NS	mg/kg	0.029 J	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Cyclohexane	NS	NS	NS	mg/kg	0.44 J	< 0.52	< 0.59	< 3.8	< 0.52	< 0.57
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	0.14 J	< 0.26	< 0.29	0.17 J	0.0093 J	< 0.29
Dibromomethane	260	1860	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Dichloromethane	97	158	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.59	< 3.8	< 0.52	< 0.57
Diethyl ether	NS	NS	NS	mg/kg	< 0.52	< 0.52	< 0.59	< 3.8	< 0.52	< 0.57
Ethylbenzene	200	200	NS	mg/kg	0.83	< 0.26	< 0.29	6.5	0.0086 J	0.0073 J

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Ford Motor Company
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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Exterior Foundation Wall (East)	Feature 80 (Glass Basement) - Pit	MAB - Utilities	Paint Building - Foundation Footings	Paint Building - Footing	Feature 80 (Glass Basement) / Feature 60 (Former Railroad Spur)
					Sidewall Sample SP099 MAB-EXFW-SW-1 (20150409) 4/9/2015	Excavated Material SP101 MAB_GLASS_PIT_01 (20150427) 4/27/2015	Excavated Material SP102 MAB-SWP-PILE (20150414) 4/14/2015	Base Sample SP103 - SP107 PB-FTN-EBASE (20150416) 4/16/2015	Base Sample SP108 / SP109 PB_AG29_BASE_01 (20150424) 4/24/2015	Excavated Material SP112 MAB_GLASS_56 (20150427) 4/27/2015
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Isopropylbenzene	30	87	NS	mg/kg	0.77	< 0.26	< 0.29	0.89 J	< 0.26	< 0.29
Methyl Acetate	NS	NS	NS	mg/kg	0.17 J	0.033 J	0.16 J	< 3.8	0.085 J	0.17 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1	< 1	< 1.2	< 7.6	< 1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	3	< 0.52	< 0.59	< 3.8	0.018 J	0.022 J
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Naphthalene	10	28	NS	mg/kg	1.2	< 0.26	0.0086 J	0.27 J	0.15 J	0.06 J
N-Butylbenzene	30	92	NS	mg/kg	0.15 J	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
N-Propylbenzene	30	93	NS	mg/kg	0.78	< 0.26	< 0.29	2.5	< 0.26	< 0.29
sec-Butylbenzene	25	70	NS	mg/kg	0.072 J	< 0.26	< 0.29	0.15 J	< 0.26	< 0.29
Styrene (Monomer)	210	600	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
tert-Butylbenzene	30	90	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Tetrachloroethene	72	131	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	0.042 J
Tetrahydrofuran	NS	NS	NS	mg/kg	0.079 J	< 1	< 1.2	< 7.6	< 1	< 1.1
Toluene	107	305	NS	mg/kg	0.69	< 0.26	< 0.29	13	< 0.26	< 0.29
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Trichloroethene	29	46	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.26	< 0.26	< 0.29	< 1.9	< 0.26	< 0.29
m,p-Xylene	NS	NS	NS	mg/kg	3.3	< 0.26	< 0.29	52	0.018 J	0.023 J
o-Xylene	NS	NS	NS	mg/kg	0.92	< 0.26	< 0.29	19	< 0.26	0.013 J
Total Xylenes*	45*	110*	NS	mg/kg	4.22	ND	ND	71	0.018 J	0.036 J
SVOCs										
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA	< 2	0.018 J	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA	< 2	0.026 J	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA	< 2.4	< 0.46	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Exterior Foundation Wall (East) Sidewall Sample SP099 MAB-EXFW-SW-1 (20150409) 4/9/2015	Feature 80 (Glass Basement) - Pit Excavated Material SP101 MAB_GLASS_PIT_01 (20150427) 4/27/2015	MAB - Utilities Excavated Material SP102 MAB-SWP-PILE (20150414) 4/14/2015	Paint Building - Foundation Footings Base Sample SP103 - SP107 PB-FTN-EBASE (20150416) 4/16/2015	Paint Building - Footing Base Sample SP108 / SP109 PB_AG29_BASE_01 (20150424) 4/24/2015	Feature 80 (Glass Basement) / Feature 60 (Former Railroad Spur) Excavated Material SP112 MAB_GLASS_56 (20150427) 4/27/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA	0.046 J	< 0.38	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA	0.096 J	0.011 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA	0.11 J	0.0067 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA	0.15 J	0.0072 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA	0.082 J	< 0.38	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA	0.044 J	< 0.38	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA	< 2	0.044 J	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA	0.18 J	0.0089 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA	0.3 J	0.016 J	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA	< 9.8	< 1.8	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA	0.052 J	< 0.38	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA	< 2	0.013 J	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Exterior Foundation Wall (East) Sidewall Sample SP099 MAB-EXFW-SW-1 (20150409) 4/9/2015	Feature 80 (Glass Basement) - Pit Excavated Material SP101 MAB_GLASS_PIT_01 (20150427) 4/27/2015	MAB - Utilities Excavated Material SP102 MAB-SWP-PILE (20150414) 4/14/2015	Paint Building - Foundation Footings Base Sample SP103 - SP107 PB-FTN-EBASE (20150416) 4/16/2015	Paint Building - Footing Base Sample SP108 / SP109 PB_AG29_BASE_01 (20150424) 4/24/2015	Feature 80 (Glass Basement) / Feature 60 (Former Railroad Spur) Excavated Material SP112 MAB_GLASS_56 (20150427) 4/27/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA	0.14 J	0.0085 J	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA	< 2	< 0.38	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA	0.27 J	0.017 J	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	NA	0.146 J	0.0086	NA	NA
Metals										
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	2.2	1.6	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA	49	18 J	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	0.14 J	0.051 J	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	12	7.2	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	8.7	1.8	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	< 0.12	< 0.13	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	< 0.53	< 0.5	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA	< 0.53	< 0.5	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
PCBs										
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	0.077	< 0.037	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	< 0.04	< 0.037	NA	NA
TPH										
Diesel Range Organics***	100***	100***	NS	mg/kg	30000	37	4300	6.6 J	11000	95
Gasoline Range Organics***	100***	100***	NS	mg/kg	130	15 J	7.7 J	220	2.6 J	3.7 J
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Other										
Cyanide	60	5000	NS	mg/kg	NA	NA	< 0.56	< 0.55	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA

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Twin Cities Assembly Plant
St. Paul, Minnesota

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pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA
TCLP VOCs										
1,1-Dichloroethene	NS	NS	700	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
1,2-Dichloroethane	NS	NS	500	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	< 0.25	NA	NA	NA	< 0.25
Benzene	NS	NS	500	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Carbon Tetrachloride	NS	NS	500	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Chlorobenzene	NS	NS	100,000	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Chloroform	NS	NS	6,000	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Tetrachloroethene	NS	NS	700	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Trichloroethene	NS	NS	500	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
Vinyl chloride	NS	NS	200	ug/l	NA	< 0.025	NA	NA	NA	< 0.025
TCLP SVOCs										
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
2-Methylphenol	NS	NS	NS	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
Hexachlorobenzene	NS	NS	0	mg/l	NA	< 0.0008	NA	NA	NA	< 0.0008
Hexachloroethane	NS	NS	3	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
Nitrobenzene	NS	NS	2	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
Pentachlorophenol	NS	NS	100	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
Pyridine	NS	NS	5	mg/l	NA	< 0.004	NA	NA	NA	< 0.004
TCLP Metals										
Arsenic	NS	NS	5	mg/l	NA	< 0.5	NA	NA	NA	< 0.5
Barium	NS	NS	100	mg/l	NA	0.78 J	NA	NA	NA	0.44 J
Cadmium	NS	NS	1	mg/l	NA	0.0013 J	NA	NA	NA	0.0017 J
Chromium	NS	NS	5	mg/l	NA	< 0.5	NA	NA	NA	0.00072 J
Lead	NS	NS	5	mg/l	NA	0.011 J	0.003 J	< 0.5	NA	< 0.5
Mercury	NS	NS	0	mg/l	NA	< 0.002	NA	NA	NA	< 0.002 J
Selenium	NS	NS	1	mg/l	NA	0.0072 J	NA	NA	NA	0.0067 J
Silver	NS	NS	5	mg/l	NA	< 0.5	NA	NA	NA	< 0.5

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities	MAB - Utilities (East)	MAB - Oil House Tunnel				
					Sidewall Sample SP113 MAB-L32-NESW (20150413) 4/13/2015	Excavated Material SP114 MAB-MWL-203 (20150417) 4/17/2015	Base Sample SP116 OTUNNEL_BASE_15 (20150401) 5/1/2015	Base Sample SP116 OTUNNEL_BASE_22 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_16 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_26 (20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_02(20150505) 5/5/2015
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	1 J
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.24	0.0091 J	< 0.26	< 0.24	< 0.25	< 0.28	0.5 J
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.24	0.0084 J	0.011 J	0.024 J	0.18 J	< 0.28	200
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	< 0.48	< 0.5	< 0.57	< 17
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.24	< 0.27	< 0.26	0.01 J	0.065 J	< 0.28	76
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.95	< 1.1	< 1	< 0.96	< 1	< 1.1	< 33
2-Chlorotoluene	436	436	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.95	< 1.1	< 1	< 0.96	< 1	< 1.1	< 33
Acetone	340	1000	NS	mg/kg	< 0.95	< 1.1	< 1	< 0.96	< 1	< 1.1	< 33
Allyl chloride	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	< 0.48	< 0.5	< 0.57	< 17
Benzene	6	10	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	6.3 J
Bromobenzene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Bromochloromethane	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Bromodichloromethane	10	17	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Bromoform	370	650	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Bromomethane	0.7	2	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Carbon Disulfide	65	190	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
CFC-11	67	195	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
CFC-12	16	50	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Chlorobenzene	11	32	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Chlorodibromomethane	12	20	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Chloroethane	1000	3000	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Chloroform	2.5	4	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Chloromethane	8	23	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Cyclohexane	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	< 0.48	< 0.5	< 0.57	< 17
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	7 J
Dibromomethane	260	1860	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Dichloromethane	97	158	NS	mg/kg	< 0.24	< 0.27	0.26	< 0.24	< 0.25	< 0.28	< 8.3
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	< 0.48	< 0.5	< 0.57	< 17
Diethyl ether	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	0.016 J	< 0.5	< 0.57	< 17
Ethylbenzene	200	200	NS	mg/kg	< 0.24	< 0.27	0.01 J	< 0.24	0.04 J	< 0.28	34

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					Sidewall Sample SP113 MAB-L32-NESW (20150413) 4/13/2015	Excavated Material SP114 MAB-MWL-203 (20150417) 4/17/2015	Base Sample SP116 OTUNNEL_BASE_15 (20150401) 5/1/2015	Base Sample SP116 OTUNNEL_BASE_22 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_16 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_26 (20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_02(20150505) 5/5/2015
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Isopropylbenzene	30	87	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	0.0087 J	< 0.28	7.7 J
Methyl Acetate	NS	NS	NS	mg/kg	< 0.47	0.19 J	0.069 J	0.033 J	0.063 J	0.036 J	< 17
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.95	< 1.1	< 1	< 0.96	< 1	< 1.1	< 33
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.47	< 0.55	< 0.52	< 0.48	< 0.5	< 0.57	7.7 J
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Naphthalene	10	28	NS	mg/kg	< 0.24	0.024 J	< 0.26	0.017 J	1	< 0.28	44
N-Butylbenzene	30	92	NS	mg/kg	< 0.24	0.012 J	< 0.26	< 0.24	0.042 J	< 0.28	16
N-Propylbenzene	30	93	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	0.037 J	< 0.28	19
sec-Butylbenzene	25	70	NS	mg/kg	< 0.24	0.0067 J	< 0.26	< 0.24	< 0.25	< 0.28	8 J
Styrene (Monomer)	210	600	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
tert-Butylbenzene	30	90	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Tetrachloroethene	72	131	NS	mg/kg	0.012 J	< 0.27	< 0.26	0.033 J	< 0.25	< 0.28	< 8.3
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.95	< 1.1	< 1	< 0.96	< 1	< 1.1	< 33
Toluene	107	305	NS	mg/kg	< 0.24	< 0.27	0.025 J	< 0.24	0.072 J	< 0.28	57
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Trichloroethene	29	46	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.24	< 0.27	< 0.26	< 0.24	< 0.25	< 0.28	< 8.3
m,p-Xylene	NS	NS	NS	mg/kg	< 0.24	0.011 J	0.023 J	< 0.24	0.14 J	< 0.28	140
o-Xylene	NS	NS	NS	mg/kg	< 0.24	< 0.27	< 0.26	0.011 J	0.095 J	< 0.28	66
Total Xylenes*	45*	110*	NS	mg/kg	ND	0.11 J	0.023 J	0.011 J	0.235 J	ND	206
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.037 J	< 0.42	0.78 J
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5 R	< 2	< 45
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
2-Chlorophenol	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5 R	< 2	< 45
2-Methylnaphthalene	100	369	NS	mg/kg	NA	0.018 J	0.0077 J	0.0083 J	0.26 J	< 0.42	13
2-Methylphenol	75	352	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5	< 2	< 45
2-Nitrophenol	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5	< 2	< 45
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.48	< 0.5	< 0.46	< 1.1 R	< 0.51	< 11
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5	< 2	< 45
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities	MAB - Utilities (East)	MAB - Oil House Tunnel				
					Sidewall Sample SP113	Excavated Material SP114	Base Sample SP116	Base Sample SP116	Sidewall Sample SP116	Sidewall Sample SP116	Base Sample SP116
					MAB-L32-NESW (20150413)	MAB-MWL-203 (20150417)	OTUNNEL_BASE_15 (20150401)	OTUNNEL_BASE_22 (20150505)	OTUNNEL_SW_16 (20150505)	OTUNNEL_SW_26 (20150505)	OTUNNEL_BASE_02(20150505)
					4/13/2015	4/17/2015	5/1/2015	5/5/2015	5/5/2015	5/5/2015	5/5/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5	< 2	< 45
4-Nitrophenol	NS	NS	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5 R	< 2	< 45
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.28 J	< 0.42	< 9.3
Acenaphthylene	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.031 J	< 0.42	< 9.3
Acetophenone	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	0.013 J	< 0.42	< 0.38	0.55 J	< 0.42	< 9.3
Atrazine	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Benzaldehyde	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	0.043 J	0.013 J	0.0052 J	1.3	< 0.42	< 9.3
Benzo(a)pyrene	2	3	NS	mg/kg	NA	0.042 J	0.012 J	< 0.38	1	< 0.42	< 9.3
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	0.056 J	0.013 J	0.012 J	1.3	< 0.42	< 9.3
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	0.034 J	0.0081 J	< 0.38	0.58 J	< 0.42	< 9.3
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	0.024 J	0.0052 J	< 0.38	0.64 J	< 0.42	< 9.3
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	0.2 J	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Caprolactam	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Carbazole	700	1310	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.27 J	< 0.42	< 9.3
Chrysene	NS	NS	NS	mg/kg	NA	0.056 J	0.014 J	0.0059 J	1.2	< 0.42	< 9.3
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.16 J	< 0.42	< 9.3
Dibenzofuran	104	810	NS	mg/kg	NA	0.0091 J	< 0.42	< 0.38	0.19 J	< 0.42	< 9.3
Diethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	0.092 J	0.028 J	0.011 J	2.9	0.0051 J	0.2 J
Fluorene	850	4120	NS	mg/kg	NA	0.0098 J	< 0.42	< 0.38	0.26 J	< 0.42	0.17 J
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Hexachlorobenzene	5	9	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	< 1.9	< 2	< 1.9	< 4.5	< 2	< 45
Hexachloroethane	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	0.022 J	0.0072 J	< 0.38	0.54 J	< 0.42	< 9.3
Isophorone	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	0.014 J	< 0.42	0.0045 J	0.52 J	< 0.42	13
Nitrobenzene	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities	MAB - Utilities (East)	MAB - Oil House Tunnel				
					Sidewall Sample SP113 MAB-L32-NESW (20150413) 4/13/2015	Excavated Material SP114 MAB-MWL-203 (20150417) 4/17/2015	Base Sample SP116 OTUNNEL_BASE_15 (20150401) 5/1/2015	Base Sample SP116 OTUNNEL_BASE_22 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_16 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_26 (20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_02(20150505) 5/5/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93	< 0.42	< 9.3
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	< 0.93 R	< 0.42	< 9.3
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	0.049 J	0.019 J	0.0088 J	2.1	0.0061 J	0.28 J
Phenol	1500	20203	NS	mg/kg	NA	< 0.4	< 0.42	< 0.38	0.027 J	< 0.42	< 9.3
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	0.087 J	0.027 J	0.0097 J	2.2	0.0063 J	0.2 J
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	0.057	0.016	0.0017	1.48	ND	ND
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA	3.5	3.5	3.8	2.3	2.6
Barium	1100	18000	NS	mg/kg	NA	NA	56	93	57	52	57
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA	0.14 J	0.19 J	0.2	0.092 J	0.77
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA	10	9.7	11	12	8.2
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	NA	7.2	11	13	5.4	14
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA	0.27 J	0.095 J	0.038 J	0.023 J	0.025 J
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA	< 0.49	< 0.5	< 0.5	0.31 J	< 0.51
Silver	160	1300	NS	mg/kg	NA	NA	< 0.49	< 0.5	< 0.5	< 0.46	< 0.51
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	< 0.19	< 0.042	< 0.037
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA	< 0.042	< 0.039	0.35	< 0.042	< 0.037
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	< 9.1	26	< 11	7.2 J	32	< 11	2400
Gasoline Range Organics***	100***	100***	NS	mg/kg	7.9 J	7.5 J	2.1 J	< 11	13	< 12	5300
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Utilities	MAB - Utilities (East)	MAB - Oil House Tunnel					
					Sidewall Sample SP113 MAB-L32-NESW (20150413) 4/13/2015	Excavated Material SP114 MAB-MWL-203 (20150417) 4/17/2015	Base Sample SP116 OTUNNEL_BASE_15 (20150401) 5/1/2015	Base Sample SP116 OTUNNEL_BASE_22 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_16 (20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_26 (20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_02(20150505) 5/5/2015	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	NA	NA
TCLP VOCs												
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP SVOCs												
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
TCLP Metals												
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA

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Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Oil House Tunnel			MAB - Utilities (Northeast) - (Fire Line)	MAB - Unidentified Pit		MAB - Pump Room (Bays F25-G27) - North MAB - Pump Room (Bays F25-G27) - West
					Base Sample SP116 OTUNNEL_BASE_08(20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_11(20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_33(20150505) 5/5/2015	Sidewall Sample SP117 NEWP-SW1(20150430) 4/30/2015	Excavated Material		Base Sample SP120 MAB-PR-NWBASE (20150604) 06/04/2015
									SP118 SP118_01(20150506) 05/06/2015	SP118 SP118_02(20150506) 05/06/2015	
VOCs											
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	0.029 J	< 0.51	< 0.26	< 0.23
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	0.09 J	< 0.24	< 1.4	0.013 J	< 0.51	< 0.26	< 0.23
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.23	0.98	< 1.4	0.24 J	0.13 J	0.07 J	< 0.23
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.46	< 0.49	< 2.9	< 0.61	< 1	< 0.52	< 0.45
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.23	0.27	< 1.4	< 0.3	0.36 J	0.16 J	< 0.23
1,3-Dichlorobenzene	26	200	NS	mg/kg	0.078 J	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
1,4-Dichlorobenzene	30	50	NS	mg/kg	0.037 J	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 0.92	< 0.98	< 5.8	< 1.2	< 2	< 1	< 0.91
2-Chlorotoluene	436	436	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 0.92	< 0.98	< 5.8	< 1.2	< 2	< 1	< 0.91
Acetone	340	1000	NS	mg/kg	< 0.92	< 0.98	< 5.8	< 1.2	< 2	< 1	< 0.91
Allyl chloride	NS	NS	NS	mg/kg	< 0.46	< 0.49	< 2.9	< 0.61	< 1	< 0.52	< 0.45
Benzene	6	10	NS	mg/kg	< 0.23	0.39	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Bromobenzene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Bromochloromethane	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Bromodichloromethane	10	17	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Bromoform	370	650	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Bromomethane	0.7	2	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Carbon Disulfide	65	190	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
CFC-11	67	195	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
CFC-12	16	50	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Chlorobenzene	11	32	NS	mg/kg	0.013 J	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Chlorodibromomethane	12	20	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Chloroethane	1000	3000	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Chloroform	2.5	4	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Chloromethane	8	23	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Cyclohexane	NS	NS	NS	mg/kg	< 0.46	0.72	2 J	< 0.61	< 1	< 0.52	< 0.45
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.23	0.0096 J	< 1.4	0.033 J	< 0.51	0.025 J	< 0.23
Dibromomethane	260	1860	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Dichloromethane	97	158	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	0.23 J	0.12 J	< 0.23
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.46	< 0.49	< 2.9	< 0.61	< 1	< 0.52	< 0.45
Diethyl ether	NS	NS	NS	mg/kg	< 0.46	< 0.49	< 2.9	< 0.61	< 1 J	< 0.52 J	< 0.45
Ethylbenzene	200	200	NS	mg/kg	< 0.23	0.49	< 1.4	0.024 J	< 0.51	< 0.26	< 0.23

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Twin Cities Assembly Plant
St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Oil House Tunnel			MAB - Utilities (Northeast) - (Fire Line)	MAB - Unidentified Pit		MAB - Pump Room (Bays F25-G27) - North MAB - Pump Room (Bays F25-G27) - West
					Base Sample SP116 OTUNNEL_BASE_08(20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_11(20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_33(20150505) 5/5/2015	Sidewall Sample SP117 NEWP-SW1(20150430) 4/30/2015	Excavated Material		Base Sample SP120 MAB-PR-NWBASE (20150604) 06/04/2015
									SP118 SP118_01(20150506) 05/06/2015	SP118 SP118_02(20150506) 05/06/2015	
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Isopropylbenzene	30	87	NS	mg/kg	< 0.23	0.033 J	1 J	0.05 J	< 0.51	< 0.26	< 0.23
Methyl Acetate	NS	NS	NS	mg/kg	< 0.46	0.04 J	0.26 J	0.085 J	0.43 J	0.46 J	0.033 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 0.92	< 0.98	< 5.8	< 1.2	< 2	< 1	< 0.91
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.46	0.069 J	3.5	0.047 J	< 1	< 0.52	< 0.45
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Naphthalene	10	28	NS	mg/kg	< 0.23	0.35	0.52 J	0.4	< 0.51	< 0.26	< 0.23
N-Butylbenzene	30	92	NS	mg/kg	< 0.23	0.078 J	2.6	0.088 J	< 0.51	< 0.26	< 0.23
N-Propylbenzene	30	93	NS	mg/kg	< 0.23	0.17 J	2.1	0.1 J	< 0.51	< 0.26	< 0.23
sec-Butylbenzene	25	70	NS	mg/kg	< 0.23	0.016 J	3.3	0.06 J	< 0.51	< 0.26	< 0.23
Styrene (Monomer)	210	600	NS	mg/kg	< 0.23	< 0.24	< 1.4	0.02 J	< 0.51	< 0.26	< 0.23
tert-Butylbenzene	30	90	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Tetrachloroethene	72	131	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Tetrahydrofuran	NS	NS	NS	mg/kg	< 0.92	< 0.98	< 5.8	< 1.2	< 2	< 1	< 0.91
Toluene	107	305	NS	mg/kg	< 0.23	1.9	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Trichloroethene	29	46	NS	mg/kg	0.08 J	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.23	< 0.24	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
m,p-Xylene	NS	NS	NS	mg/kg	< 0.23	1.8	< 1.4	0.02 J	< 0.51	< 0.26	< 0.23
o-Xylene	NS	NS	NS	mg/kg	< 0.23	1	< 1.4	< 0.3	< 0.51	< 0.26	< 0.23
Total Xylenes*	45*	110*	NS	mg/kg	ND	2.8	ND	0.02 J	ND	ND	ND
SVOCs											
1,1-Biphenyl	NS	NS	NS	mg/kg	< 0.37	0.026 J	< 1.1	0.39 J	< 1.5	< 0.36	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2-Chlorophenol	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
2-Methylnaphthalene	100	369	NS	mg/kg	0.0055 J	0.13 J	0.1 J	3	0.016 J	0.014 J	NA
2-Methylphenol	75	352	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
2-Nitrophenol	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	< 0.45	< 0.93	< 1.4	< 1.9	< 1.8	< 0.44	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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									SP118 SP118_01(20150506) 05/06/2015	SP118 SP118_02(20150506) 05/06/2015	
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
4-Nitrophenol	NS	NS	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	0.0048 J	0.24 J	< 1.1	< 1.6	< 1.5	0.0085 J	NA
Acenaphthylene	NS	NS	NS	mg/kg	< 0.37	0.066 J	< 1.1	0.053 J	< 1.5	< 0.36	NA
Acetophenone	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	0.0075 J	0.42 J	< 1.1	< 1.6	0.04 J	0.0082 J	NA
Atrazine	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Benzaldehyde	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	0.017 J	0.73 J	< 1.1	< 1.6	0.16 J	0.029 J	NA
Benzo(a)pyrene	2	3	NS	mg/kg	0.015 J	0.45 J	< 1.1	< 1.6	0.12 J	0.026 J	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	0.021 J	0.69 J	0.032 J	< 1.6	0.19 J	0.041 J	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	0.0061 J	0.3 J	< 1.1	< 1.6	0.046 J	0.022 J	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	0.0044 J	0.22 J	< 1.1	< 1.6	0.057 J	0.02 J	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	0.044 J	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Caprolactam	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Carbazole	700	1310	NS	mg/kg	< 0.37	0.2 J	< 1.1	< 1.6	< 1.5	< 0.36	NA
Chrysene	NS	NS	NS	mg/kg	0.018 J	0.72 J	< 1.1	< 1.6	0.17 J	0.039 J	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	< 0.37	0.09 J	< 1.1	< 1.6	< 1.5	< 0.36	NA
Dibenzofuran	104	810	NS	mg/kg	0.0077 J	0.16 J	< 1.1	0.099 J	< 1.5	0.0079 J	NA
Diethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	0.022 J	< 0.77	< 1.1	< 1.6	< 1.5	0.024 J	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	0.041 J	1.5	0.019 J	< 1.6	0.29 J	0.078 J	NA
Fluorene	850	4120	NS	mg/kg	0.004 J	0.26 J	< 1.1	0.13 J	< 1.5	0.0051 J	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Hexachlorobenzene	5	9	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	< 1.8	< 3.7	< 5.6	< 7.6	< 7.2	< 1.8	NA
Hexachloroethane	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	< 0.37	0.25 J	< 1.1	< 1.6	0.054 J	0.017 J	NA
Isophorone	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	0.0062 J	0.11 J	0.13 J	0.98 J	< 1.5	0.027 J	NA
Nitrobenzene	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA

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Table 6
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Ford Motor Company
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St. Paul, Minnesota

Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Oil House Tunnel			MAB - Utilities (Northeast) - (Fire Line)	MAB - Unidentified Pit		MAB - Pump Room (Bays F25-G27) - North MAB - Pump Room (Bays F25-G27) - West
					Base Sample SP116 OTUNNEL_BASE_08(20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_11(20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_33(20150505) 5/5/2015	Sidewall Sample SP117 NEWP-SW1(20150430) 4/30/2015	Excavated Material		Base Sample SP120 MAB-PR-NWBASE (20150604) 06/04/2015
								SP118 SP118_01(20150506) 05/06/2015	SP118 SP118_02(20150506) 05/06/2015		
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	0.058 J	1.7	0.013 J	0.066 J	0.14 J	0.049 J	NA
Phenol	1500	20203	NS	mg/kg	< 0.37	< 0.77	< 1.1	< 1.6	< 1.5	< 0.36	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	0.031 J	1.3	0.017 J	< 1.6	0.22 J	0.064 J	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	0.019	0.697	0.0032	ND	0.1678	0.03709	NA
Metals											
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	2.8	3.1	4.1	1.7	3.5	3.7	NA
Barium	1100	18000	NS	mg/kg	81	64	87	72	66	62	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	0.081 J	0.12 J	0.18 J	0.15 J	0.14 J	0.23	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	8.2	11	12	13	12	8.0	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	7.1	13	5.9	7.8	47	8.5	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	0.07 J	0.2	0.034 J	0.019 J	< 0.11	< 0.12	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	< 0.38	< 0.44	1.2	< 0.55	< 0.45	< 0.53	NA
Silver	160	1300	NS	mg/kg	< 0.38	< 0.44	< 0.63	< 0.55	< 0.45	< 0.53	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
PCBs											
Aroclor 1016	1.2	8	NS	mg/kg	< 0.038	< 0.039	< 0.046	< 0.039	NA	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	< 0.038	< 0.039	< 0.046	< 0.039	NA	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	< 0.038	< 0.039	< 0.046	< 0.039	NA	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	< 0.038	< 0.039	< 0.046	< 0.039	NA	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	< 0.038	< 0.039	< 0.046	< 0.039	NA	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	< 0.038	0.028 J	< 0.046	< 0.039	NA	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	0.013 J	< 0.039	< 0.046	< 0.039	NA	NA	NA
TPH											
Diesel Range Organics***	100***	100***	NS	mg/kg	< 9.9	6 J	94	47	650	100	1.3 J
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 11	< 11	1200	31	200	73	< 12
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA
Other											
Cyanide	60	5000	NS	mg/kg	NA	NA	NA	< 0.54	< 0.53	< 0.56	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA	NA

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					Base Sample SP116 OTUNNEL_BASE_08(20150505) 5/5/2015	Base Sample SP116 OTUNNEL_BASE_11(20150505) 5/5/2015	Sidewall Sample SP116 OTUNNEL_SW_33(20150505) 5/5/2015	Sidewall Sample SP117 NEWP-SW1(20150430) 4/30/2015	Excavated Material		Base Sample SP120 MAB-PR-NWBASE (20150604) 06/04/2015
								SP118 SP118_01(20150506) 05/06/2015	SP118 SP118_02(20150506) 05/06/2015		
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA	
TCLP VOCs											
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA	
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA	
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA	
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA	
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA	
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA	
TCLP SVOCs											
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA	
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA	
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA	
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	
TCLP Metals											
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA	
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	
Lead	NS	NS	5	mg/l	NA	NA	NA	0.0022 J	< 0.50	< 0.50	
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA	
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA	
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA	

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					Base Sample SP121 MAB-PR-NEBASE (20150604) 06/04/2015	Excavated Material SP123 MAB-STUNNEL-1082(20150521) 05/21/2015	Sidewall Sample SP123 HOPPER_SW-3(20150528) 05/28/2015	Sidewall Sample SP124 MAB-HOPPER-N-1-T(20150626) 06/26/2015	Sidewall Sample SP125 MAB-SE-SW-4(20150701) 07/01/2015	Sidewall Sample SP126 MAB-DIW-SW-E (20150827) 08/27/2015
VOCs										
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.28	0.014 J	< 0.25	0.022 J	< 0.28	< 0.37
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	< 0.75
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	< 1.1 U	< 1	< 0.97	< 1.1	0.11 J
2-Chlorotoluene	436	436	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1 U	< 1	< 0.97	< 1.1	< 1.5
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1 U	< 1	< 0.97	< 1.1	< 1.5
Allyl chloride	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	< 0.75
Benzene	6	10	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Bromobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Bromochloromethane	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Bromodichloromethane	10	17	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Bromoform	370	650	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Bromomethane	0.7	2	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Carbon Disulfide	65	190	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
CFC-11	67	195	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
CFC-12	16	50	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Chlorobenzene	11	32	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Chlorodibromomethane	12	20	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Chloroethane	1000	3000	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Chloroform	2.5	4	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Chloromethane	8	23	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Cyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	< 0.75
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.28	0.036 J	< 0.25	0.026 J	< 0.28	< 0.37
Dibromomethane	260	1860	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Dichloromethane	97	158	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	< 0.75
Diethyl ether	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	< 0.75
Ethylbenzene	200	200	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37

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					Base Sample SP121 MAB-PR-NEBASE (20150604) 06/04/2015	Excavated Material SP123 MAB-STUNNEL-1082(20150521) 05/21/2015	Sidewall Sample SP123 HOPPER_SW-3(20150528) 05/28/2015	Sidewall Sample SP124 MAB-HOPPER-N-1-T(20150626) 06/26/2015	Sidewall Sample SP125 MAB-SE-SW-4(20150701) 07/01/2015	Sidewall Sample SP126 MAB-DIW-SW-E (20150827) 08/27/2015
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Isopropylbenzene	30	87	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Methyl Acetate	NS	NS	NS	mg/kg	0.19 J	0.084 J	0.1 J	< 0.48	0.12 J	0.38 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1 U	< 1	< 0.97	< 1.1	< 1.5
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.56	< 0.57 U	< 0.5	< 0.48	< 0.56	0.064 J
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Naphthalene	10	28	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	0.07 J	0.086 J	< 0.37
N-Butylbenzene	30	92	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
N-Propylbenzene	30	93	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
sec-Butylbenzene	25	70	NS	mg/kg	< 0.28	0.068 J	< 0.25	< 0.24	< 0.28	< 0.37
Styrene (Monomer)	210	600	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
tert-Butylbenzene	30	90	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Tetrachloroethene	72	131	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1 U	< 1	< 0.97	< 1.1	< 1.5
Toluene	107	305	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	0.023 J	< 0.28	0.016 J
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Trichloroethene	29	46	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
m,p-Xylene	NS	NS	NS	mg/kg	0.011 J	< 0.29 U	< 0.25	0.023 J	< 0.28	< 0.37
o-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.29 U	< 0.25	< 0.24	< 0.28	< 0.37
Total Xylenes*	45*	110*	NS	mg/kg	0.011 J	ND	ND	0.023 J	ND	ND
SVOCs										
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	0.0072 J	0.0070 J	0.042 J	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.47 U	< 0.48	< 0.46	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
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Ford Motor Company
Twin Cities Assembly Plant
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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - East	MAB - Steam Tunnel (Bays AA27-N27) Feature 47 (Former Coal Operations)		Feature 47 (Former Coal Operations)	MAB - Sand Elevator (L20)	MAB - DI Water Pit (Bay L13)
					Base Sample SP121 MAB-PR-NEBASE (20150604) 06/04/2015	Excavated Material SP123 MAB-STUNNEL-1082(20150521) 05/21/2015	Sidewall Sample SP123 HOPPER_SW-3(20150528) 05/28/2015	Sidewall Sample SP124 MAB-HOPPER-N-1-T(20150626) 06/26/2015	Sidewall Sample SP125 MAB-SE-SW-4(20150701) 07/01/2015	Sidewall Sample SP126 MAB-DIW-SW-E (20150827) 08/27/2015
4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	0.0062 J	0.022 J	< 0.38	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	0.015 J	0.075 J	0.012 J	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	0.01 J	0.068 J	0.014 J	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	0.015 J	0.094 J	0.015 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	0.011 J	0.037 J	0.013 J	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	0.0087 J	0.025 J	0.0075 J	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	< 0.39	0.057 J	< 0.38	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	0.013 J	0.078 J	0.013 J	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	< 0.39 U	0.011 J	< 0.38	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	< 0.39 U	< 0.4	0.012 J	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	< 0.39	< 0.4	< 0.38	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	0.031 J	0.12 J	0.016 J	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	< 1.9 U	< 1.9	< 1.8 J	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	0.0083 J	0.03 J	0.012 J	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	< 0.39 U	< 0.4	0.042 J	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA

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Table 6
Summary of Analytical Results for Soil Sent off Site for Disposal
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Twin Cities Assembly Plant
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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening	Units	MAB - Pump Room (Bays F25-G27) - East	MAB - Steam Tunnel (Bays AA27-N27) Feature 47 (Former Coal Operations)		Feature 47 (Former Coal Operations)	MAB - Sand Elevator (L20)	MAB - DI Water Pit (Bay L13)
					Base Sample SP121 MAB-PR-NEBASE (20150604) 06/04/2015	Excavated Material SP123 MAB-STUNNEL-1082(20150521) 05/21/2015	Sidewall Sample SP123 HOPPER_SW-3(20150528) 05/28/2015	Sidewall Sample SP124 MAB-HOPPER-N-1-T(20150626) 06/26/2015	Sidewall Sample SP125 MAB-SE-SW-4(20150701) 07/01/2015	Sidewall Sample SP126 MAB-DIW-SW-E (20150827) 08/27/2015
n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	0.16 J	< 0.4	< 0.38	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	0.016 J	0.042 J	0.027 J	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	< 0.39 U	< 0.4	< 0.38	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	0.025 J	0.12 J	0.016 J	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	0.015	0.973	0.019	NA	NA
Metals										
Aluminum	30000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	9	20	NS	mg/kg	NA	3.3	5.8	3.5	NA	NA
Barium	1100	18000	NS	mg/kg	NA	140	57	40	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	25	200	NS	mg/kg	NA	0.12 J	0.21 J	0.083 J	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	11	11	14	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	300	700	NS	mg/kg	NA	7.3	40 J	25	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	0.024 J	0.028 J	0.030 J	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	160	1300	NS	mg/kg	NA	< 0.47 U	< 0.55	0.34 J	NA	NA
Silver	160	1300	NS	mg/kg	NA	< 0.47 U	< 0.55	< 0.43	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA	NA	NA	NA	NA
PCBs										
Aroclor 1016	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	0.022 J	NA	< 0.038	< 0.039	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	< 0.04 U	NA	< 0.038	< 0.039	NA
TPH										
Diesel Range Organics***	100***	100***	NS	mg/kg	48	42	5.5 J	12 J	36	< 11
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 12	170	6.7 J	< 11	2.7 J	5.9 J
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA	NA	NA	NA	NA
Other										
Cyanide	60	5000	NS	mg/kg	NA	< 0.59 U	< 0.56	< 0.58	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA	NA	NA	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA	NA	NA	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA	NA	NA	NA	NA

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Location Location ID Sample ID Sample Date	MPCA Tier I Residential SRVs	MPCA Tier II Industrial SRVs	USEPA TCLP Screening Units	MAB - Pump Room (Bays F25-G27) - East		MAB - Steam Tunnel (Bays AA27-N27) Feature 47 (Former Coal Operations)		Feature 47 (Former Coal Operations)	MAB - Sand Elevator (L20)	MAB - DI Water Pit (Bay L13)
				Base Sample SP121 MAB-PR-NEBASE (20150604) 06/04/2015	Excavated Material SP123 MAB-STUNNEL-1082(20150521) 05/21/2015	Sidewall Sample SP123 HOPPER_SW-3(20150528) 05/28/2015	Sidewall Sample SP124 MAB-HOPPER-N-1-T(20150626) 06/26/2015	Sidewall Sample SP125 MAB-SE-SW-4(20150701) 07/01/2015	Sidewall Sample SP126 MAB-DIW-SW-E (20150827) 08/27/2015	
pH	NS	NS	NS	none	NA	NA	NA	NA	NA	NA
TCLP VOCs										
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA	NA	NA	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA	NA	NA	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA	NA	NA	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA	NA	NA	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA	NA	NA	NA	NA
TCLP SVOCs										
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA	NA	NA	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA	NA	NA	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
TCLP Metals										
Arsenic	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
Barium	NS	NS	100	mg/l	NA	NA	NA	NA	NA	NA
Cadmium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA
Lead	NS	NS	5	mg/l	NA	< 0.50 U	0.014 J	0.0061 J	NA	NA
Mercury	NS	NS	0	mg/l	NA	NA	NA	NA	NA	NA
Selenium	NS	NS	1	mg/l	NA	NA	NA	NA	NA	NA
Silver	NS	NS	5	mg/l	NA	NA	NA	NA	NA	NA

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Location	MPCA	MPCA	USEPA		MAB - Plaster Pit (Bay M15)	MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35)
Location ID	Tier I	Tier II	USEPA		Excavated Material	Sidewall Sample
Sample ID	Residential	Industrial	TCLP	Units	SP127	SP128
Sample Date	SRVs	SRVs	Screening		SP127-01 (20150827)	MAB-PPBP-SW1(20150901)
					08/27/2015	09/01/2015
VOCs						
1,1,1,2-Tetrachloroethane	31	51	NS	mg/kg	< 0.28	< 0.28
1,1,1-Trichloroethane	140	472	NS	mg/kg	< 0.28	< 0.28
1,1,2,2-Tetrachloroethane	3.5	6.5	NS	mg/kg	< 0.28	< 0.28
1,1,2-trichloro-1,2,2-trifluoroethane	3745	5430	NS	mg/kg	< 0.28	< 0.28
1,1,2-Trichloroethane	9	14	NS	mg/kg	< 0.28	< 0.28
1,1-Dichloroethane	34	55	NS	mg/kg	< 0.28	< 0.28
1,1-Dichloroethene	20	60	NS	mg/kg	< 0.28	< 0.28
1,1-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.28
1,2,3-Trichlorobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.28
1,2,3-Trichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.28
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	< 0.28	< 0.28
1,2,4-Trimethylbenzene	8	25	NS	mg/kg	< 0.28	< 0.28
1,2-Dibromo-3-chloropropane	NS	NS	NS	mg/kg	< 0.57	< 0.56
1,2-Dibromoethane	0.3	0.5	NS	mg/kg	< 0.28	< 0.28
1,2-Dichlorobenzene	26	75	NS	mg/kg	< 0.28	< 0.28
1,2-Dichloroethane	4	6	NS	mg/kg	< 0.28	< 0.28
1,2-Dichloropropane	4	6	NS	mg/kg	< 0.28	< 0.28
1,3,5-Trimethylbenzene	3	10	NS	mg/kg	< 0.28	< 0.28
1,3-Dichlorobenzene	26	200	NS	mg/kg	< 0.28	< 0.28
1,3-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.28
1,4-Dichlorobenzene	30	50	NS	mg/kg	< 0.28	< 0.28
2,2-Dichloropropane	NS	NS	NS	mg/kg	< 0.28	< 0.28
2-Butanone (MEK)	5500	19000	NS	mg/kg	< 1.1	0.092 J
2-Chlorotoluene	436	436	NS	mg/kg	< 0.28	< 0.28
4-Chlorotoluene	NS	NS	NS	mg/kg	< 0.28	< 0.28
4-Methyl-2-Pentanone	1700	9000	NS	mg/kg	< 1.1	< 1.1
Acetone	340	1000	NS	mg/kg	< 1.1	< 1.1
Allyl chloride	NS	NS	NS	mg/kg	< 0.57	< 0.56
Benzene	6	10	NS	mg/kg	< 0.28	< 0.28
Bromobenzene	NS	NS	NS	mg/kg	< 0.28	< 0.28
Bromochloromethane	NS	NS	NS	mg/kg	< 0.28	< 0.28
Bromodichloromethane	10	17	NS	mg/kg	< 0.28	< 0.28
Bromoform	370	650	NS	mg/kg	< 0.28	< 0.28
Bromomethane	0.7	2	NS	mg/kg	< 0.28	< 0.28
Carbon Disulfide	65	190	NS	mg/kg	< 0.28	< 0.28
Carbon Tetrachloride	0.3	0.9	NS	mg/kg	< 0.28	< 0.28
CFC-11	67	195	NS	mg/kg	< 0.28	< 0.28
CFC-12	16	50	NS	mg/kg	< 0.28	< 0.28
Chlorobenzene	11	32	NS	mg/kg	< 0.28	< 0.28
Chlorodibromomethane	12	20	NS	mg/kg	< 0.28	< 0.28
Chloroethane	1000	3000	NS	mg/kg	< 0.28	< 0.28
Chloroform	2.5	4	NS	mg/kg	< 0.28	< 0.28
Chloromethane	8	23	NS	mg/kg	< 0.28	< 0.28
cis-1,2-Dichloroethene	8	22	NS	mg/kg	< 0.28	< 0.28
cis-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.28
Cyclohexane	NS	NS	NS	mg/kg	< 0.57	< 0.56
Cymene (p-Isopropyltoluene)	NS	NS	NS	mg/kg	< 0.28	< 0.28
Dibromomethane	260	1860	NS	mg/kg	< 0.28	< 0.28
Dichloromethane	97	158	NS	mg/kg	< 0.28	< 0.28
Dichloromonofluoromethane	NS	NS	NS	mg/kg	< 0.57	< 0.56
Diethyl ether	NS	NS	NS	mg/kg	< 0.57	< 0.56
Ethylbenzene	200	200	NS	mg/kg	< 0.28	< 0.28

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Hexachloro-1,3-butadiene	6	37	NS	mg/kg	< 0.28	< 0.28
Isopropylbenzene	30	87	NS	mg/kg	< 0.28	< 0.28
Methyl Acetate	NS	NS	NS	mg/kg	0.077 J	0.37 J
Methyl N-Butyl Ketone (2-Hexanone)	NS	NS	NS	mg/kg	< 1.1	< 1.1
Methylcyclohexane	NS	NS	NS	mg/kg	< 0.57	< 0.56
Methyl-tert-butylether	NS	NS	NS	mg/kg	< 0.28	< 0.28
Naphthalene	10	28	NS	mg/kg	< 0.28	0.31
N-Butylbenzene	30	92	NS	mg/kg	< 0.28	< 0.28
N-Propylbenzene	30	93	NS	mg/kg	< 0.28	< 0.28
sec-Butylbenzene	25	70	NS	mg/kg	< 0.28	< 0.28
Styrene (Monomer)	210	600	NS	mg/kg	< 0.28	< 0.28
tert-Butylbenzene	30	90	NS	mg/kg	< 0.28	< 0.28
Tetrachloroethene	72	131	NS	mg/kg	< 0.28	< 0.28
Tetrahydrofuran	NS	NS	NS	mg/kg	< 1.1	< 1.1
Toluene	107	305	NS	mg/kg	< 0.28	< 0.28
trans-1,2-Dichloroethene	11	33	NS	mg/kg	< 0.28	< 0.28
trans-1,3-Dichloropropene	NS	NS	NS	mg/kg	< 0.28	< 0.28
Trichloroethene	29	46	NS	mg/kg	< 0.28	< 0.28
Vinyl chloride	0.8	2.2	NS	mg/kg	< 0.28	< 0.28
m,p-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.28
o-Xylene	NS	NS	NS	mg/kg	< 0.28	< 0.28
Total Xylenes*	45*	110*	NS	mg/kg	ND	ND
SVOCs						
1,1-Biphenyl	NS	NS	NS	mg/kg	NA	NA
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	mg/kg	NA	NA
1,2,4-Trichlorobenzene	200	985	NS	mg/kg	NA	NA
1,2-Diphenylhydrazine	NS	NS	NS	mg/kg	NA	NA
1-Methylnaphthalene	NS	NS	NS	mg/kg	NA	NA
1-Naphthylamine	NS	NS	NS	mg/kg	NA	NA
2,2-Oxybis(1-Chloropropane)	NS	NS	NS	mg/kg	NA	NA
2,3,4,6-Tetrachlorophenol	636	3700	NS	mg/kg	NA	NA
2,4,5-Trichlorophenol	1920	10600	NS	mg/kg	NA	NA
2,4,6-Trichlorophenol	595	1060	NS	mg/kg	NA	NA
2,4-Dichlorophenol	48	230	NS	mg/kg	NA	NA
2,4-Dimethylphenol	390	1925	NS	mg/kg	NA	NA
2,4-Dinitrophenol	NS	NS	NS	mg/kg	NA	NA
2,4-Dinitrotoluene	50	355	NS	mg/kg	NA	NA
2,6-Dichlorophenol	NS	NS	NS	mg/kg	NA	NA
2,6-Dinitrotoluene	25	175	NS	mg/kg	NA	NA
2-Chloronaphthalene	NS	NS	NS	mg/kg	NA	NA
2-Chlorophenol	NS	NS	NS	mg/kg	NA	NA
2-Methyl-4,6-dinitrophenol	NS	NS	NS	mg/kg	NA	NA
2-Methylnaphthalene	100	369	NS	mg/kg	NA	NA
2-Methylphenol	75	352	NS	mg/kg	NA	NA
2-Naphthylamine	NS	NS	NS	mg/kg	NA	NA
2-Nitroaniline	NS	NS	NS	mg/kg	NA	NA
2-Nitrophenol	NS	NS	NS	mg/kg	NA	NA
2-Picoline	NS	NS	NS	mg/kg	NA	NA
3,3-Dichlorobenzidine	25	50	NS	mg/kg	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	NS	mg/kg	NA	NA
3-Methylchloranthrene	NS	NS	NS	mg/kg	NA	NA
3-Nitroaniline	NS	NS	NS	mg/kg	NA	NA
4-Aminobiphenyl	NS	NS	NS	mg/kg	NA	NA

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4-Bromophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA
4-Chloro-3-Methylphenol	NS	NS	NS	mg/kg	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	NS	mg/kg	NA	NA
4-Dimethylaminoazobenzene	NS	NS	NS	mg/kg	NA	NA
4-Methylphenol	10	59	NS	mg/kg	NA	NA
4-Nitroaniline	NS	NS	NS	mg/kg	NA	NA
4-Nitrophenol	NS	NS	NS	mg/kg	NA	NA
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	mg/kg	NA	NA
Acenaphthene	1200	5260	NS	mg/kg	NA	NA
Acenaphthylene	NS	NS	NS	mg/kg	NA	NA
Acetophenone	NS	NS	NS	mg/kg	NA	NA
Aniline	NS	NS	NS	mg/kg	NA	NA
Anthracene	7880	45400	NS	mg/kg	NA	NA
Atrazine	NS	NS	NS	mg/kg	NA	NA
Benzaldehyde	NS	NS	NS	mg/kg	NA	NA
Benzidine	NS	NS	NS	mg/kg	NA	NA
Benzo(a)anthracene	NS	NS	NS	mg/kg	NA	NA
Benzo(a)pyrene	2	3	NS	mg/kg	NA	NA
Benzo(b)fluoranthene	NS	NS	NS	mg/kg	NA	NA
Benzo(g,h,i)perylene	NS	NS	NS	mg/kg	NA	NA
Benzo(k)fluoranthene	NS	NS	NS	mg/kg	NA	NA
Benzoic Acid	50000	100000	NS	mg/kg	NA	NA
Benzyl Alcohol	8700	56000	NS	mg/kg	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	NS	mg/kg	NA	NA
bis(2-Chloroethyl)ether	2.5	5	NS	mg/kg	NA	NA
bis(2-Chloroisopropyl)ether	NS	NS	NS	mg/kg	NA	NA
bis(2-Ethylhexyl)phthalate	570	2100	NS	mg/kg	NA	NA
Butyl benzyl phthalate	580	3700	NS	mg/kg	NA	NA
Caprolactam	NS	NS	NS	mg/kg	NA	NA
Carbazole	700	1310	NS	mg/kg	NA	NA
Chrysene	NS	NS	NS	mg/kg	NA	NA
Dibenz(a,j)Acridine	NS	NS	NS	mg/kg	NA	NA
Dibenzo(a,h)anthracene	NS	NS	NS	mg/kg	NA	NA
Dibenzofuran	104	810	NS	mg/kg	NA	NA
Diethyl phthalate	NS	NS	NS	mg/kg	NA	NA
Dimethyl phthalate	NS	NS	NS	mg/kg	NA	NA
Di-n-butyl phthalate	2440	16300	NS	mg/kg	NA	NA
Di-n-octyl phthalate	520	3700	NS	mg/kg	NA	NA
Diphenylamine	NS	NS	NS	mg/kg	NA	NA
Ethyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA
Fluoranthene	1080	6800	NS	mg/kg	NA	NA
Fluorene	850	4120	NS	mg/kg	NA	NA
Hexachloro-1,3-butadiene	6	37	NS	mg/kg	NA	NA
Hexachlorobenzene	5	9	NS	mg/kg	NA	NA
Hexachlorocyclopentadiene	2	6	NS	mg/kg	NA	NA
Hexachloroethane	NS	NS	NS	mg/kg	NA	NA
Indeno(1,2,3-cd)pyrene	NS	NS	NS	mg/kg	NA	NA
Isophorone	NS	NS	NS	mg/kg	NA	NA
Methyl Methanesulfonate	NS	NS	NS	mg/kg	NA	NA
Naphthalene	10	28	NS	mg/kg	NA	NA
Nitrobenzene	NS	NS	NS	mg/kg	NA	NA
N-Nitrosodimethylamine	NS	NS	NS	mg/kg	NA	NA
n-Nitrosodi-n-butylamine	NS	NS	NS	mg/kg	NA	NA

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n-Nitrosodi-n-propylamine	0.7	1.2	NS	mg/kg	NA	NA
N-nitrosodiphenylamine	1950	3720	NS	mg/kg	NA	NA
N-Nitrosopiperidine	NS	NS	NS	mg/kg	NA	NA
p-Chloroaniline	NS	NS	NS	mg/kg	NA	NA
Pentachlorobenzene	NS	NS	NS	mg/kg	NA	NA
Pentachloronitrobenzene	NS	NS	NS	mg/kg	NA	NA
Pentachlorophenol	80	120	NS	mg/kg	NA	NA
Phenacetin	NS	NS	NS	mg/kg	NA	NA
Phenanthrene	NS	NS	NS	mg/kg	NA	NA
Phenol	1500	20203	NS	mg/kg	NA	NA
Propylamide	NS	NS	NS	mg/kg	NA	NA
Pyrene	890	5800	NS	mg/kg	NA	NA
Benzo(a)pyrene (BaP) Equivalents	2	3	NS	mg/kg	NA	NA
Metals						
Aluminum	30000	100000	NS	mg/kg	NA	NA
Antimony	12	100	NS	mg/kg	NA	NA
Arsenic	9	20	NS	mg/kg	NA	NA
Barium	1100	18000	NS	mg/kg	NA	NA
Beryllium	55	230	NS	mg/kg	NA	NA
Cadmium	25	200	NS	mg/kg	NA	NA
Calcium	NS	NS	NS	mg/kg	NA	NA
Chromium**	87/44000**	650/100000**	NS	mg/kg	NA	NA
Cobalt	600	2600	NS	mg/kg	NA	NA
Copper	100	9000	NS	mg/kg	NA	NA
Iron	9000	75000	NS	mg/kg	NA	NA
Lead	300	700	NS	mg/kg	NA	NA
Magnesium	NS	NS	NS	mg/kg	NA	NA
Manganese	3600	8100	NS	mg/kg	NA	NA
Mercury	0.5	1.5	NS	mg/kg	NA	NA
Nickel	560	2500	NS	mg/kg	NA	NA
Potassium	NS	NS	NS	mg/kg	NA	NA
Selenium	160	1300	NS	mg/kg	NA	NA
Silver	160	1300	NS	mg/kg	NA	NA
Sodium	NS	NS	NS	mg/kg	NA	NA
Thallium	3	21	NS	mg/kg	NA	NA
Vanadium	30	250	NS	mg/kg	NA	NA
Zinc	8700	75000	NS	mg/kg	NA	NA
PCBs						
Aroclor 1016	1.2	8	NS	mg/kg	NA	NA
Aroclor 1221	1.2	8	NS	mg/kg	NA	NA
Aroclor 1232	1.2	8	NS	mg/kg	NA	NA
Aroclor 1242	1.2	8	NS	mg/kg	NA	NA
Aroclor 1248	1.2	8	NS	mg/kg	NA	NA
Aroclor 1254	1.2	8	NS	mg/kg	NA	NA
Aroclor 1260	1.2	8	NS	mg/kg	NA	NA
TPH						
Diesel Range Organics***	100***	100***	NS	mg/kg	< 11	30
Gasoline Range Organics***	100***	100***	NS	mg/kg	< 12	< 10
Ethylene Glycol	50000	100000	NS	mg/kg	NA	NA
Other						
Cyanide	60	5000	NS	mg/kg	NA	NA
Corrosivity	NS	NS	NS	pH units	NA	NA
Flashpoint	NS	NS	NS	deg f	NA	NA
Percent Solids	NS	NS	NS	%	NA	NA

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pH	NS	NS	NS	none	NA	NA
TCLP VOCs						
1,1-Dichloroethene	NS	NS	700	ug/l	NA	NA
1,2-Dichloroethane	NS	NS	500	ug/l	NA	NA
2-Butanone (MEK)	NS	NS	200,000	ug/l	NA	NA
Benzene	NS	NS	500	ug/l	NA	NA
Carbon Tetrachloride	NS	NS	500	ug/l	NA	NA
Chlorobenzene	NS	NS	100,000	ug/l	NA	NA
Chloroform	NS	NS	6,000	ug/l	NA	NA
Tetrachloroethene	NS	NS	700	ug/l	NA	NA
Trichloroethene	NS	NS	500	ug/l	NA	NA
Vinyl chloride	NS	NS	200	ug/l	NA	NA
TCLP SVOCs						
1,4-Dichlorobenzene	NS	NS	8	mg/l	NA	NA
2,4,5-Trichlorophenol	NS	NS	400	mg/l	NA	NA
2,4,6-Trichlorophenol	NS	NS	2	mg/l	NA	NA
2,4-Dinitrotoluene	NS	NS	0	mg/l	NA	NA
2-Methylphenol	NS	NS	NS	mg/l	NA	NA
3-Methylphenol, 4-Methylphenol	NS	NS	200	mg/l	NA	NA
Hexachloro-1,3-butadiene	NS	NS	1	mg/l	NA	NA
Hexachlorobenzene	NS	NS	0	mg/l	NA	NA
Hexachloroethane	NS	NS	3	mg/l	NA	NA
Nitrobenzene	NS	NS	2	mg/l	NA	NA
Pentachlorophenol	NS	NS	100	mg/l	NA	NA
Pyridine	NS	NS	5	mg/l	NA	NA
TCLP Metals						
Arsenic	NS	NS	5	mg/l	NA	NA
Barium	NS	NS	100	mg/l	NA	NA
Cadmium	NS	NS	1	mg/l	NA	NA
Chromium	NS	NS	5	mg/l	NA	NA
Lead	NS	NS	5	mg/l	NA	NA
Mercury	NS	NS	0	mg/l	NA	NA
Selenium	NS	NS	1	mg/l	NA	NA
Silver	NS	NS	5	mg/l	NA	NA

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Location ID	MPCA	MPCA	USEPA
Sample ID	Tier I	Tier II	TCLP
Sample Date	Residential	Industrial	Level
Depth Interval	Units	SRVs	SRVs

Notes:

*	Criteria for total xylenes used, reported data is for the sum of the "m- and p-xylenes" and "o-xylenes" data results
**	SRVs are for Chromium VI and Chromium III respectively, reported data is for total chromium and is therefore compared to the lower of the SRVs
***	Values for gasoline- and diesel-range organics are guidance values provided by the Petroleum Brownfields Program
Shade	Result value is above the MPCA Tier 1 Residential SRV
Shade	Result value is above the MPCA Tier II Industrial SRV
Shade	Result value is above the USEPA TCLP level
<	Not detected above reporting detection limit
%	percent
deg F	degrees Fahrenheit
J	estimated result
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MPCA	Minnesota Pollution Control Agency
NA	not analyzed
ND	not detected
NE	northeast
NS	no standard
PCB	polychlorinated biphenyl
RP	retention pond
SP	stockpile
SRV	soil reference value
SVOC	semivolatile organic compound
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbons
µg/L	micrograms per liter
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound

Table 7
Summary of Excavated Soil Screening Results - Indications of Impacts
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Location	Screening Sample ID(s)	Date(s)	Elevated PID (Y/N)	Olfactory Impacts (Y/N)	Visual Impacts/ Debris (Y/N)	Stockpile ID (if applicable)	Addendum #
Features							
Feature 4 (Former Area of Impacted Soil - Leak #10700 [Training Center]) Feature 4 (Former Area of Impacted Soil - Leak #10700 [Training Center]) - Interior Foundation	TC-SFW-1 through TCSFW-11 TC-F-26 through TC-F-60	05/06/2015 05/04/2015	N	N	Y	SP119	49
Feature 47 (Former Coal Operations)	MAB-hopper-38 MAB-hopper-40 MAB-hopper-56 through MAB-hopper-63	05/27/2015 05/28/2015	Y	Y	Y	SP123	53
Feature 47 (Former Coal Operations)	MAB-Hopper-92 MAB-Hopper-102 through MAB-Hopper-103 MAB-Hopper-126 through MAB-Hopper-127 MAB-Hopper-141 MAB-Hopper-145 through MAB-Hopper-148 MAB-Hopper-156 through MAB-Hopper-160	06/23/2015 06/24/2015 06/25/2015	Y	Y	Y	SP124	54
Feature 60 (Former Railroad Spur) / Feature 80 (Glass Basement)	MAB-GLASS-FT60-01 MAB-GLASS-56	04/27/2015	Y	N	N	SP112	7
Feature 70 (Containment Pit) - North Central (Bays N14-P15)	MAB-CPT-18 MAB-CPT-22 MAB-CPT-25 through MAB-CPT-27	04/09/2015	Y	Y	N	SP095	36
Feature 80 (Glass Basement) - Pit	MAB-GLASS-Pit-01	04/27/2015	Y	N	N	SP101	6
Feature 100 (Former Dell Park Pit) - Prime Booth Sludge Pit (Bays M6-M7) - Interior	MAB-PBSP-50 through MAB-PBSP-105	09/02/2015	Y	Y	N	SP129	--
Feature 100 (Former Dell Park Pit) - Small Parts Enamel Sludge Pit (Bays L22-N22)	MAB-SPE-02 through MAB-SPE-10	04/14/2015	Y	N	N	SP097	45
Feature 104 (Former Paint Operations)	MAB-PaintOP-1 through MAB-PaintOP-3	04/10/2015	Y	N	N	SP098	38
Non-Feature Subgrade Structures and Utilities							
MAB - Cable Vault (Bays F5-G5)	MAB-ECV-1 through MAB-ECV-5	03/31/2015	Y	Y	N	SP088	23
MAB - DI Water Pit (Bay L13)	MAB-DIW-04 through MAB-DIW-05 MAB-DIW-14 MAB-DIW-23	08/27/2015	Y	Y	N	SP126	58
MAB - Foundation Wall (East)	MAB-EXFW-1 through MAB-EXFW-5 MAB-EXFW-14 through MAB-EXFW-15	04/14/2015	Y	Y	N	SP096, SP099	37, 42
MAB - Foundation Wall (Interior) - East Central	MAB-INFW-55 MAB-INFW-63 through MAB-INFW-64	04/13/2015 04/14/2015	Y	N	N	SP110, SP111	41
MAB - Foundation Wall (Interior) - Northeast	MAB-NEIW-01-04	04/03/2015	Y	Y	N	SP094	35
MAB - Foundation Wall (Northeast)	MAB-NEFW-18	04/03/2015	Y	N	N	SP093	33,34
MAB - Foundation Wall (South)	MAB-SF-126 through MAB-SF-127	01/22/2015	Y	N	N	SP083	--
MAB - Interior Footings	MAB-IF-581 through MAB-IF-585	03/23/2015	Y	N	N	Excavated soil placed back in excavation due to demolition activity requirements	20
MAB - Interior Footings	MAB-IF-700	03/27/2015	Y	N	N	SP089	22
MAB - Interior Footings	MAB-IF-23	01/28/2015	N	Y	N	Excavated soil placed back in excavation due to demolition activity requirements	16
MAB - Interior Footings	MAB-IF-32 through MAB-IF-33	03/12/2015	Y	Y	N	Excavated soil placed back in excavation due to demolition activity requirements	17
MAB - Interior Footings (Northwest)	MAB-IF-43	03/18/2015	Y	N	Y	Excavated soil placed back in excavation due to demolition activity requirements	19
MAB - LCL Dock (Bays P8-Q14)	MAB-LD-06 through MAB-LD-07 MAB-LD-10	03/27/2015 04/07/2015	Y	Y	N	SP090	28
MAB - LCL Dock (Bays P14-Q16)	MAB-LCLD-72 through MAB-LCLD-78 MAB-LD-01 through MAB-LD-03	04/08/2015 04/13/2015	Y	N	N		
MAB - Oil House Tunnel	MAB-Oil-Tunnel-80 MAB-Oil-Tunnel-84 through MAB-Oil-Tunnel-85 MAB-Oil-Tunnel-90 through MAB-Oil-Tunnel-94 MAB-Oil-Tunnel-102 through MAB-Oil-Tunnel-116 MAB-Oil-Tunnel-147 through MAB-Oil-Tunnel-154	04/28/2015 04/29/2015 04/30/2015	Y	N	N	SP116	13
MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35)	MAB-2Pits-17 MAB-2Pits-20	09/01/2015	N	Y	N	SP128	60
MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35) - East Pit (Interior)	MAB-EP-1 through MAB-EP-8						
MAB - Plaster Pit (Bay M15)	MAB-PP-06 MAB-PP-13	08/27/2015	N	Y	N	SP127	59
MAB - Pump Room (Bays F25-G27) - North	MAB-PumpN-04 MAB-PumpN-08 MAB-PumpN-11 through MAB-PumpN-14 MAB-PumpN-24	05/08/2015	Y	Y	N	SP120	50

Abbreviations on Page 3.

Table 7
Summary of Excavated Soil Screening Results - Indications of Impacts
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	Screening Sample ID(s)	Date(s)	Elevated PID (Y/N)	Olfactory Impacts (Y/N)	Visual Impacts/Debris (Y/N)	Stockpile ID (if applicable)	Addendum #
MAB - Pump Room (Bays F25-G27) - West	MAB-PumpW-53 through MAB-PumpW-54 MAB-PumpW-58	05/11/2015	Y	Y	N	SP120	50
MAB - Pump Room (Bays F25-G27) - East	MAB-PumpE-01 through MAB-PumpE-05 MAB-PumpE-07 MAB-PumpE-11 through MAB-PumpE-13	05/11/2015	Y	Y	N	SP121	51
MAB - Sand Elevator (L20)	MAB-SE-11 through MAB-SE-12 MAB-SE-15 MAB-SE-20 MAB-SE-24	06/30/2015	Y	N	N	SP125	55
MAB - Steam Tunnel (Bays AA27-N27)	MAB-Stunnel-251 MAB-Stunnel-254 through MAB-Stunnel-261 MAB-Stunnel-264 through MAB-Stunnel-266	05/13/2015	Y	Y	N	SP092	30
MAB - Steam Tunnel (Bays AA27-N27)	MAB-Stunnel-442 through MAB-Stunnel-446	05/15/2015	Y	Y	N	SP122	52
MAB - Steam Tunnel (Bays AA27-N27)	MAB-Stunnel-1082	05/21/2015	Y	Y	N	SP123	53
MAB - Tritone Sludge System (Bays C9-C10) - Interior	MAB-FiTTPP-01 through MAB-FiTTPP-06 MAB-TTP-01 through MAB-TTP-13 MAB-TTP-18 through MAB-TTP-19	03/16/2015 03/18/2015 03/19/2015	Y	Y	N	SP085	24
MAB - Unidentified Pit	MAB-M28-Pit-08 through MAB-M28-Pit-12	05/06/2015	Y	Y	N	SP118	48
MAB - Utilities	MAB-CP-14 through MAB-CP-17	04/13/2015	Y	N	N	SP113	39
MAB - Utilities	MAB-FF-26 through MAB-FF-27	04/07/2015	Y	Y	N	SP092	30
MAB - Utilities (Fire Line) - (South; Below 2nd Slab)	MAB-FHL2-30 MAB-FHL2-61	07/08/2015 07/13/2015	N	Y	N	Excavated soil placed back in excavation due to demolition activity requirements	56
MAB - Utilities (East)	MAB-MWL-203 through MAB-MWL-207	04/17/2015	Y	Y	N	SP114	43
MAB - Utilities (East)	MAB-MWL-212 through MAB-MWL-216	04/17/2015	Y	N	N	SP115	44
MAB - Utilities (Northeast) - (Fire Line)	MAB-NEWP-46 through MAB-NEWP-48	04/29/2015	Y	N	N	SP117	47
MAB - Utilities (West)	MAB-SWP-79	04/02/2015	Y	N	N	SP091	29
MAB - Utilities	MAB-SWP-286 MAB-SWP-289 through MAB-SWP-290	04/14/2015	Y	Y	N	SP102	32
MAB - Utilities (Central)	MAB-TRENCH-18 through MAB-TRENCH-19 MAB-TRENCH-21 MAB-TRENCH-27 through MAB-TRENCH-29	03/26/2015	Y	Y	Y	SP087	26
MAB - Utilities (Northwest)	MAB-TRENCH-29 MAB-TRENCH-31	03/26/2015	Y	Y	N	SP086	27
Paint Building - Enamel Booth Pit	PB-WPB-130 through PB-WPB-131 PB-WPB-286 PB-WPB-315	10/23/2014 10/24/2014	Y	N	N	SP045	--
Paint Building - Footings	PB-FTN-17 through PB-FTN-434	04/16/2015 04/17/2015 04/20/2015 04/22/2015	Y	Y	N	SP103 through SP107	9
Paint Building - Footings	PB-FTN-592 PB-FTN-597	04/22/2015	Y	Y	N	SP108 and SP109	5
Paint Building - Sludge Pits	PB-SPWE-706 through PB-SPWE-712	11/24/2014	Y	Y	N	SP075 and SP076	--
Paint Building - Utilities (South)	PB-PIPE-18 through PB-PIPE-20	04/23/2015	Y	Y	N	SP107	9
Temporary Sediment Retention Pond - Southwest	TSRP-SW-39 TSRP-SW-40	07/23/2014	Y	Y	N	SP010	--
Temporary Sediment Retention Pond - Southwest	TSRP-SW-48 TSRP-SW-691 TSRP-SW-695 through TSRP-SW-696 TSRP-SW-699	07/23/2014 08/07/2014	Y	Y	N	SP008	--
Warehouse - Utilities (Storm/Sanitary)	MAB-SWLE-49 MAB-SWLE-51 through MAB-SWLE-52	10/28/2014	Y	N	N	SP052	--

Abbreviations on Page 3.

Table 7
Summary of Excavated Soil Screening Results - Indications of Impacts
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	Screening Sample ID(s)	Date(s)	Elevated PID (Y/N)	Olfactory Impacts (Y/N)	Visual Impacts/ Debris (Y/N)	Stockpile ID (if applicable)	Addendum #
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Acronyms and Abbreviations:

MAB	Main Assembly Building
N	no
PB	Paint Building
PID	photoionization detector
SP	stockpile
TSRP	temporary sediment retention pond
Y	yes

Table 8
Summary of Feature Screening
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Feature Number	Feature	Area (Square Feet)	Required Screening Frequency	Required Number of Screening Samples	Number of Screening Samples Collected	Figure #	Comments
1.	Former Test Track	119,722	1 per 2,500 sq. ft.	48	1	8a	Remaining footprint outside extent of current decommission
2.	Former Location of Gasoline & Diesel USTs - Removed 1993	3,777	1 per 1,000 sq. ft.	4	3	8c	Remaining footprint outside extent of current decommission
3.	Former Convoy UST	9,712	1 per 1,000 sq. ft.	10	--	3	Not Applicable (outside extent of current decommission)
4.	Former Area of Impacted Soil - Leak #10700	17,212	1 per 2,500 sq. ft.	7	11	8c	Completed
5.	Former Location of Gasoline & Diesel Fuel Underground Piping	23,123	1 per 2,500 sq. ft.	10	8	8c	Remaining footprint outside extent of current decommission
6.	Diesel Meter Shack	565	1 per 100 sq. ft.	6	--	3	Not Applicable (outside extent of current decommission)
7.	Railroad Spurs	114,109	1 per 2,500 sq. ft.	46	10	3	Remaining footprint inaccessible due to decommissioning activities
8.	Former Hazardous Waste Storage Area	70,725	1 per 2,500 sq. ft.	29	--	3	Not Applicable (outside extent of current decommission)
9.	Former Disposal Area A	(Undefined)	--	--	--	3	Not Applicable (Excavated as part of Northeast Temporary Sediment Retention Pond)
10.	Former Hazardous Waste Storage Area	31,837	1 per 2,500 sq. ft.	13	12	8e	Remaining footprint inaccessible due to decommissioning activities
11.	Former Disposal Area B	(Undefined)	--	--	--	8e	Not Applicable (Excavated as part of Northeast Temporary Sediment Retention Pond)
12.	Former Railroad Spurs	2,352	1 per 1,000 sq. ft.	3	6	8d, 8e	Completed
16.	Former Gasoline, Sunoco Spirits and Pyroxlin Thinner USTs	6,625	1 per 1,000 sq. ft.	7	18	8c, 8d	Completed
20.	Former Oil Fill Area	766	1 per 100 sq. ft.	8	--	8d	Remaining footprint inaccessible due to decommissioning activities
21.	1996 Glycol Release From Underground Piping	5,827	1 per 1,000 sq. ft.	6	--	8d, 8e	Feature excavated as part of decommissioning activities
23.	Former Brake Fluid UST	185	1 per 100 sq. ft.	2	2	8g	Completed
24.	Unleaded Gasoline USTs	185	1 per 100 sq. ft.	2	--	8h	Feature addressed in Underground Storage Tank (UST) Removal Report - Unleaded Gasoline Tanks (Arcadis 2015)
27.	Oil/Water Separator and Trench	1,213	1 per 100 sq. ft.	13	--	8d, 8e	Feature excavated as part of decommissioning activities
35.	Waste Solvent USTs	738	1 per 100 sq. ft.	8	--	3	Not Applicable (Feature left in place; to be addressed in future RAP)
36.	Former Bulk Storage & Waste Solvent USTs	3,535	1 per 1,000 sq. ft.	4	--	3	Not Applicable (Feature left in place; to be addressed in future RAP)
37.	Solvent UST Underground Piping	200	1 per 100 sq. ft.	2	6	8b	Completed
46.	Sump within Solvent UST Basin	8	1 per 100 sq. ft.	1	--	3	Not Applicable (Feature left in place; to be addressed in future RAP)
47.	Former Coal Operations	1,759	1 per 100 sq. ft.	18	30	8d	Completed
49.	Former Hazardous Waste Storage Area	6,093	1 per 1,000 sq. ft.	7	5	8d	Remaining Feature excavated as part of decommissioning activities
50.	Used Oil AST	111	1 per 100 sq. ft.	2	2	8c	Completed
51.	Lye AST	213	1 per 100 sq. ft.	3	2	8c	Completed
53.	Transformers 12A and 12B	1,015	1 per 100 sq. ft.	11	--	8f	Not Applicable (Elevated Feature)
54.	Substation	5,126	1 per 1,000 sq. ft.	6	23	8f	Completed
55.	Substation	890	1 per 100 sq. ft.	9	2	8g	
56.	Transformers 6, 10, and 10A	1,978	1 per 100 sq. ft.	20	--	8e	Not Applicable (Elevated Feature)
57.	Transformers 3 and 9	1,276	1 per 100 sq. ft.	13	--	8f	Not Applicable (Elevated Feature)
58.	Transformer #7 (Roof Level Penthouse)	246	1 per 100 sq. ft.	3	2	8h	Not Applicable (Roof Feature); Grid Screening at Slab level
59.	Railroad Spur (3)	3,060 10,774 15,998	1 per 1,000 sq. ft. 1 per 2,500 sq. ft. 1 per 2,500 sq. ft.	4 5 7	64 9 135	8h 8d, 8e 8f, 8g	Completed
60.	Former Railroad Spur	18,807	1 per 2,500 sq. ft.	8	229	8c, 8d, 8e	Completed
64.	Bascale Bridges	264 565	1 per 100 sq. ft.	3 6	2 4	8g 8h	Completed
66.	Elevator to Paint	28	1 per 100 sq. ft.	1	--	8c	Feature excavated as part of decommissioning activities
67.	Production Hydraulic Lifts (8)	28 28 28 28 108 132 132 175	1 per 100 sq. ft.	1 1 1 1 2 2 2 2	1 1 1 3 2 2 2 7	8c 8d 8d 8d 8f 8f 8d 8d	Completed
68.	Battery Charging Trenches	982	1 per 100 sq. ft.	10	10	8c	Completed
70.	Containment Pit	614	1 per 100 sq. ft.	7	4	8c	Completed
80.	Glass Basement	5,785	1 per 1,000 sq. ft.	6	23	8c	Completed
86.	Housekeeping Trenches	3,101	1 per 1,000 sq. ft.	4	4	8d	Completed
88.	Liquid Collection Trench (3)	590 645 731	1 per 100 sq. ft.	6 7 8	9 8 12	8d 8g 8g	Completed
89.	Oil Water Separator (4)	8 8 20 115	1 per 100 sq. ft.	1 1 1 2	1 1 1 4	8c 8c 8g 8f	Completed
90.	Process Equipment Trench	1,440	1 per 100 sq. ft.	15	6	8e	Completed
93.	Sump	8	1 per 100 sq. ft.	1	1	8f	Completed
94.	Tank Farm Trenches	1,030	1 per 100 sq. ft.	11	10	8c, 8d	Completed
97.	Former Pit (15)	4 17 24 84 98 98 98 98 98 145 256 1,015	1 per 100 sq. ft.	1 1 1 1 1 1 1 1 1 2 3 11	-- -- 3 1 1 -- 1 2 1 1 3 3 6	8f 8f 8f 8g 8g 8g 8g 8g 8d 8c 8c 8g 8c 8d	Some Features excavated as part of decommissioning activities
98.	Vaults	42	1 per 100 sq. ft.	1	1	8f	Completed
100.	Former Dell-Park Pit (3)	1,280 1,728 18,378	1 per 1,000 sq. ft. 1 per 1,000 sq. ft. 1 per 2,500 sq. ft.	2 2 8	10 15 65	8d 8c 8f, 8g	Completed
102.	Former Engine Line Drain Pits (3)	210 358 542	1 per 100 sq. ft.	3 4 6	6 6 9	8g 8g 8g	Completed
103.	Former Nickel Plating Operations	116,947	1 per 2,500 sq. ft.	47	67	8f, 8g	Completed
104.	Former Paint Operations (2)	3,083 169,461	1 per 1,000 sq. ft. 1 per 2,500 sq. ft.	4 68	8 71	8c 8c, 8d, 8e	Completed
106.	Former Solvent Fire	1,056	1 per 100 sq. ft.	11	12	8c, 8d	Completed
107.	Fluid Fill Area	18,650	1 per 2,500 sq. ft.	8	47	8f	Completed

Notes and Abbreviations on Page 2.

Feature Number	Feature	Area (Square Feet)	Required Screening Frequency	Required Number of Screening Samples	Number of Screening Samples Collected	Figure #	Comments
108.	Hydraulic Lifts (24)	7	1 per 100 sq. ft.	1	3	8a	Completed
		7		1	2	8a	
		7		1	3	8a	
		7		1	3	8a	
		7		1	4	8a	
		7		1	2	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		7		1	1	8a	
		8		1	2	8b	
		17		1	2	8b	
20	1	1	8b				
20	1	1	8b				
110.	Transformer #20A & B (2)	73 80	1 per 100 sq. ft.	1 1	2 2	8a	Completed
111.	Transformers #21A, B & C (3)	71	1 per 100 sq. ft.	1	1	1	Completed
		82		1	1	8b	
		89		1	1	8b	
112.	Transformers #22A & B (2)	85	1 per 100 sq. ft.	1 1	1 1	8b	Completed
113.	Transformers #23A & B (2)	77 91	1 per 100 sq. ft.	1	--	3	Not Applicable (Bedrock)
114.	Transformers #24A & B (2)	80 104	1 per 100 sq. ft.	1	--	3	Not Applicable (Bedrock)
117.	Phosphate System Trench	3,323	1 per 1,000 sq. ft.	4	90	8a, 8b	Completed
120.	Paint Sludge Pit Sump	25	1 per 100 sq. ft.	1	--	3	Not Applicable (Bedrock)
121.	Sludge Pits	22,125	1 per 2,500 sq. ft.	9	--	8a	Not Applicable (Bedrock)
126.	Former Sulfuric Acid AST	7	1 per 100 sq. ft.	1	0	8a	--
137.	Former Dispenser Location	477	1 per 100 sq. ft.	5	4	8c	Completed
138.	Former 20,000 Gallon AST	825	1 per 100 sq. ft.	9	--	8d	Not Applicable (Feature left in place; to be addressed in future RAP)
143.	Drums	8	1 per 100 sq. ft.	1	--	8b	Not Applicable (Tunnel)
144.	Oil Tunnel Staining	8	1 per 100 sq. ft.	1	--	8f	Not Applicable (Tunnel)
149.	Flow Stone	8	1 per 100 sq. ft.	1	--	8e	Not Applicable (Tunnel)
150.	Collapsed Area With Buried Drums	8	1 per 100 sq. ft.	1	--	3	Not Applicable (Tunnel)
151.	Potential Creosote Film/Staining	8	1 per 100 sq. ft.	1	--	3	Not Applicable (Tunnel)
152.	Former Fuel Oil UST	1,645	1 per 100 sq. ft.	17	--	8c, 8d	Not Applicable (Feature inaccessible due to decommissioning activities)

General Notes:

Some of the screening ID locations are co-located between two or more over-lapping Features, and have been included in the total count for each Feature.

Acronyms and Abbreviations:

- not addressed
- RAP remedial action plan
- sq. ft. square feet
- UST underground storage tank

Table 9
Summary of Sidewall and Base Screening Results - Indications of Impacts
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	Screening Sample ID(s)	Date	Elevated PID (Y/N)	Olfactory Impacts (Y/N)	Visual Impacts (Y/N)	Figure #	Addendum #
Features							
Feature 47 (Former Coal Operations) -- Sidewall	MAB-HOPPER-HOUSE-SW-3 MAB-HOPPER-HOUSE-BASE-1	05/28/2015	Y	Y	Y	8d	53
Feature 47 (Former Coal Operations) -- Base	MAB-HOPPER-HOUSE-BASE-3 through MAB-HOPPER-HOUSE-BASE-5						
Feature 47 (Former Coal Operations) -- Sidewall	MAB-HOPPER-N-1-B MAB-HOPPER-N-1-M MAB-HOPPER-N-1-T MAB-HOPPER-N-2-B MAB-HOPPER-N-2-M MAB-HOPPER-N-2-T MAB-HOPPER-E-1-M MAB-HOPPER-E-1-T MAB-HOPPER-E-2-B MAB-HOPPER-E-2-M MAB-HOPPER-E-2-T MAB-HOPPER-S-1 MAB-HOPPER-S-2	06/26/2015 07/01/2015	Y	N	N	8d	54
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-19	02/16/2015	Y	N	N	8g	2
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-21	02/17/2015	Y	N	N	8g	3
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-35	02/24/2015	Y	N	N	8g	4
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-55	03/03/2015	Y	N	N	8g	10
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-58	03/03/2015	Y	N	N	8g	11
Feature 59 (Railroad Spur) - Central (Bays G2-G40) -- Base	MAB-FT59-Base-79	03/13/2015	Y	N	N	8f	12
Feature 60 (Former Railroad Line) / Bumper Booth -- Base	MAB-BB-BASE-1 MAB-BB-BASE-2	04/16/2015	Y	N	N	8c	46
Feature 70 (Containment Pit) - (Bays N14-P15) -- Base	MAB-CPT-BASE-1 MAB-CPT-BASE-2 MAB-CPT-BASE-3 MAB-CPT-BASE-4	04/09/2015	Y	Y	N	8c	36
Feature 100 (Former Dell-Park Pit) - Small Parts Enamel Sludge Pit -- Sidewall	MAB-ESB-SW-E-T MAB-ESB-SW-E-B	04/16/2015	Y	N	N	8c	45
Feature 104 (Former Paint Operations) -- Base	MAB-PAINTOP-BASE-1 MAB-PAINTOP-BASE-2 MAB-PAINTOP-BASE-3 MAB-PAINTOP-BASE-4 MAB-PAINTOP-BASE-5 MAB-PAINTOP-BASE-6 MAB-PAINTOP-BASE-7	04/10/2015	Y	Y	N	8c	38
Non-Features - Sub-surface Structures							
MAB - Cable Vault (Bays F5-G5) -- Sidewall	MAB-ECV-SW-S MAB-ECV-SW-E MAB-ECV-SW-N MAB-ECV-BASE	03/31/2015	Y	Y	N	9e	23
MAB - Cable Vault (Bays F5-G5) -- Base							
MAB - DI Water Pit (Bay L13) -- Sidewall	MAB-DIW-S MAB-DIW-N MAB-DIW-E	08/27/2015	Y	Y	N	9b	58
MAB - Foundation Wall (Northeast) -- Base	MAB-NEFW-BASE-3	04/03/2015	Y	N	N	9b	33
MAB - Foundation Wall (Northeast) -- Base	MAB-NEFW-BASE-7	04/03/2015	Y	N	N	9b	34
MAB - Foundation Wall (East) -- Sidewall	MAB-EXFW-SW-1	04/09/2015	Y	N	N	9c	37
MAB - Foundation Wall (Interior) - Northeast -- Sidewall	MAB-NEIW-SW-4 MAB-NEIW-SW-6 MAB-NEIW-BASE-3	04/08/2015	Y	N	N	9b	35
MAB - Foundation Wall (Interior) - Northeast -- Base							
MAB - Interior Footings -- Sidewall	MAB-IF-SW-N (MAB-IF-O28) MAB-IF-SW-W MAB-IF-SW-E MAB-IF-Base	03/12/2015	Y	N	N	9b	17
MAB - Interior Footings -- Base							
MAB - Interior Footings -- Base	MAB-IF-Base1 (MAB-P13-BASE)	03/17/2015	Y	N	N	9b	18
MAB - Interior Footings -- Base	MAB-IF-Base (MAB-IF-O22)	03/23/2015	Y	N	N	9b	20
MAB - Interior Footings (P18) -- Base	MAB-IF-BASE (MAB-P18-SW-N)	03/27/2015	N	Y	N	9b	22
MAB - Inverted P&F Pit/Work Pit (Bay A36-A41) -- Base	MAB-WP1-BASE-8 MAB-WP1-BASE-10 MAB-WP1-BASE-12 MAB-WP1-BASE-12E	01/28/2015	Y	Y	N	9f	1
MAB - Knee Pit (Bay B12-B13) -- Sidewall	MAB-WP4-1	03/02/2015	Y	N	N	9e	15
MAB - LCL Dock (Bays P8-Q14) -- Base	MAB-LD-BASE-1 through MAB-LD-BASE-5	03/27/2015	Y	Y	N	9b	28
MAB - Oil House Tunnel -- Sidewall	MAB-OIL-TUNNEL-SW-1 through MAB-OIL-TUNNEL-SW-34	04/30/2015	Y	Y	Y	9b, 9e	13
MAB - Oil House Tunnel -- Base	MAB-OIL-TUNNEL-BASE-1 through MAB-OIL-TUNNEL-BASE-28	05/01/2015					
MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35) -- Sidewall	MAB-2PITS-SW-1	09/01/2015	N	Y	N	9c	60
MAB - Roll Test Pit (Bays E4-E5) -- Sidewall	MAB-RTP1-SW-5 MAB-SE-SW-1 MAB-SE-SW-2 MAB-SE-SW-3 MAB-SE-SW-4 MAB-SE-SW-5 MAB-SE-SW-6	03/04/2015 07/01/2015	Y Y	N N	N N	9e 9b, 9c	14 55
MAB - Tritone Sludge System (Bays C9-C10) -- Sidewall	MAB-TTP-SW-01 MAB-TTP-SW-02 MAB-TTP-SW-09	03/20/2015	Y	N	N	9e	24
MAB - Unidentified Pit -- Base	MAB-H21-PIT-BASE-7	03/25/2015	N	Y	N	9e	25
MAB - Unidentified Pit -- Base	MAB-M28-PIT-Base-1	05/06/2015	N	N	Y	9b	48
Paint Building - Footings -- Sidewall	PB-East Trench-SW-N PB-East Trench-SW-E PB-East Trench-SW-S PB-East Trench-SW-W PB-East Trench-Base	04/16/2015	Y	Y	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Central Trench-SW-N PB-Central Trench-SW-E PB-Central Trench-SW-S PB-Central Trench-SW-W PB-Central Trench-Base	04/16/2015	Y	Y	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-West Trench-SW-N PB-West Trench-SW-E PB-West Trench-SW-S PB-West Trench-SW-W PB-West Trench-Base	04/16/2015	Y	Y	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Footing 45-SW-N PB-Footing 45-SW-E PB-Footing 45-SW-S PB-Footing 45-SW-W PB-Footing 45-Base	04/17/2015	Y	N	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Footing 50-SW-N PB-Footing 50-SW-E PB-Footing 50-SW-S PB-Footing 50-SW-W PB-Footing 50-Base	04/17/2015	Y	N	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Fpit1-SW2-W PB-Fpit1-SW2-S PB-Fpit1-Base-02	04/23/2015	Y	N	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Fpit2-SW-N PB-Fpit2-SW-W PB-Fpit2-SW-S	04/23/2015	Y	N	N	9a	9
Paint Building - Footings -- Base							
Paint Building - Footings -- Sidewall	PB-Fpit2-Base-01 through PB-Fpit2-Base-02						

Abbreviations on Page 2.

Table 9
Summary of Sidewall and Base Screening Results - Indications of Impacts
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Location	Screening Sample ID(s)	Date	Elevated PID (Y/N)	Olfactory Impacts (Y/N)	Visual Impacts (Y/N)	Figure #	Addendum #
Non-Features - Utilities							
MAB - Utilities -- Sidewall	MAB-CP-SW-NE	04/13/2015	Y	N	N	10	39
MAB - Utilities -- Sidewall	MAB-FF-SW-1 through MAB-FF-SW-4	04/07/2015	Y	Y	N	10	30
MAB - Utilities -- Base	MAB-FF-BASE-1 through MAB-FF-BASE-4						
MAB - Utilities (Fire Line) - (Northeast) -- Sidewall	MAB-NEWP-SW-1 through MAB-NEWP-SW-3	04/30/2015	Y	Y	Y	10	47
MAB - Utilities (Fire Line) - (Northeast) -- Base	MAB-NEWP-Base-01 through MAB-NEWP-Base-02						
MAB - Utilities (North-Central) -- Base	MAB-TRENCH-BASE-3	03/26/2015	Y	Y	Y	10	26
	MAB-TRENCH-BASE-4 MAB-TRENCH-BASE	03/27/2015					
MAB - Utilities (South) -- Base	MAB-SWP-79-BASE	04/02/2015	Y	Y	N	10	29
MAB - Utilities (South) -- Sidewall	MAB-SWP-SW-3	04/14/2015	N	Y	N	10	32
MAB - Utilities (South) -- Base	MAB-SWP-BASE-3 through MAB-SWP-BASE-4						
Paint Building - Utilities (South) -- Sidewall	PB-PIPE-SWE PB-PIPE-SWW PB-PIPE-BASE	04/23/2015	Y	N	N	10	9
Paint Building - Utilities (South) -- Base							
Non-Features - Grid Screening							
MAB - Grid Screening	O42-02	07/07/2015	N	Y	N	11	56
MAB - Grid Screening	P41-01	07/07/2015	Y	N	N	11	56
MAB - Grid Screening	R19-01	05/29/2015	N	Y	N	11	57

Acronyms and Abbreviations:

MAB Main Assembly Building
 N no
 PB Paint Building
 PID photoionization detector
 Y yes

Table 10
SDRAP Addendum Summary
Site Decommissioning Remedial Action Implementation Report
Ford Motor Company
Twin Cities Assembly Plant
St. Paul, Minnesota

Addendum Number	Addendum Name	Location ID	Sample ID	Sample Date	Stockpile ID	Open excavation present?
1	Work Pit 1	MAB - Inverted P&F Pit/Work Pit (Bay A36-A41)	MAB_WP1_BASE_12 (20150128)	01/28/2015	SP084	Yes
2	Railroad Spur 1	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base19(20150216)	02/16/2015	--	Yes
3	Railroad Spur 2	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base21(20150217)	02/17/2015	--	Yes
4	Railroad Spur 3	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base35(20150224)	02/24/2015	--	No
5	Paint Building Hydraulic Lift	Paint Building - Footings	PB-AG29-Base-01 (20150424)	04/24/2015	SP108/SP109	Yes
6	Glass Basement (Elevator Shaft)	Feature 80 (Glass Basement) - Pit	MAB-Glass-Pit-01 (20150427)	04/27/2015	SP101	No
7	Glass Basement (Feature 60 - Former Railroad Spur)	Feature 60 (Former Railroad Spur) / Feature 80 (Glass Basement)	MAB-Glass-56 (20150427)	04/27/2015	SP112	No
8	Packer Building	Feature 10 (Former Hazardous Waste Storage Area)	PACKER_PIT(20141222); PACKER_MAN(20141222); PACKER_TANK(20141222); PACKER_PIT(20150506)	12/22/2014; 05/06/2015	--	Yes
9	Paint Building Footings	Paint Building - Footings	PB-FTN-EBASE(20150416)	04/16/2015	SP103 - SP107	Yes
10	Railroad Spur 4	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base55(20150304)	03/04/2015	--	Yes
11	Railroad Spur 5	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base58(20150304)	03/04/2015	--	Yes
12	Railroad Spur 6	Feature 59 (Railroad Spur) - Central (Bays G2-G40)	MAB-Ft59-Base79(20150313)	03/13/2015	--	Yes
13	Oil Tunnel	MAB - Oil House Tunnel	OTUNNEL_Base_15 (20150501); OTUNNEL_Base_02 (20150505); OTUNNEL_Base_08 (20150505); OTUNNEL_Base_11 (20150505); OTUNNEL_Base_22 (20150505); OTUNNEL_SW_16 (20150505); OTUNNEL_SW_26 (20150505); OTUNNEL_SW_33 (20150505)	05/01/2015; 05/05/2015	SP116	Yes Yes Yes
14	Roll Test Pit	MAB - Roll Test Pit (Bays E4-E5)	MAB-RTP1-SW5(20150304)	03/04/2015	--	Yes
15	Former Work Pit 4	MAB - Knee Pit (Bay B12-B13)	MAB-WP4-1(20150304)	03/04/2015	--	Yes
16	Inner Foundation Footing	MAB - Interior Footings	J41-01 (20150128)	01/28/2015	--	No
17	Inner Foundation Footing	MAB - Interior Footings	MAB-IF-O28(20150312)	03/12/2015	--	No
18	Inner Foundation Footing	MAB - Interior Footings	MAB-IF-P13(20150318)	03/18/2015	--	Yes
19	Inner Foundation Footing	MAB - Interior Footings (Northwest)	MAB-IF-F18(20150318)	03/18/2015	--	No
20	Inner Foundation Footing	MAB - Interior Footings	MAB-IF-O22 (20150323)	03/23/2015	--	No
21	Inner Foundation Footing	MAB - Foundation Wall (West)	MAB-IF-E22 (20150324)	03/24/2015	--	No
22	Inner Foundation Footing	MAB - Interior Footings (P18)	MAB-P18 (20150327) MAB-P18-Base(20150326)	03/27/2015	SP089	Yes
23	Cable Vault	MAB - Cable Vault (Bays F5-G5)	MAB-J24-Base(20150331)	03/31/2015	SP088	Yes
24	Former Tritone Sludge Pit	MAB - Tritone Sludge System (Bays C9-C10)	MAB-TTP-SW-1 (20150320)	03/20/2015	SP085	Yes
25	Unidentified Pit 1	MAB - Unidentified Pit	MAB-H21Pit-Base-07 (20150326)	03/26/2015	--	No
26	Utility Trench 1	MAB - Utilities (Central)	MAB-TRENCH-18 (20150326)	03/26/2015	SP087	Yes
27	Utility Trench 2	MAB - Utilities (Northwest)	MAB-TRENCH-29 (20150326) MAB-TRENCH-31 (20150326) MAB-TRENCH-37 (20150326)	03/26/2015	SP086	No
28	Inner Foundation	MAB - LCL Dock (Bays P8-Q14)	MAB-LD-Base-05(20150327)	03/27/2015	SP090	Yes
29	Sanitary/Storm Water Line	MAB - Utilities (South)	MAB-SWP-79 (20150402) MAB-SWP-79Base (20150402)	04/02/2015	SP091	Yes
30	Utility Trench 3	MAB - Utilities	MAB-E35-Trench-Base (20150407)	04/07/2015	SP092	No
31	Production Hydraulic Lift	Feature 67 (Production Hydraulic Lifts) - South Central (Bay M37)	MAB-Ft67-M37 (20150316)	03/16/2015	--	No
32	Storm Water Pipe	MAB - Utilities (South)	MAB-SWP-SW3(20150414)	04/14/2015	SP102	Yes
33	Northeast Foundation Wall 1	MAB - Foundation Wall (Northeast)	MAB-NEFW-Base-3(20150403)	04/03/2015	SP093	Yes
34	Northeast Foundation Wall 2	MAB - Foundation Wall (Northeast)	MAB-NEFW-Base-7(20150403)	04/03/2015	SP094	Yes
35	Northeast Interior Wall	MAB - Foundation Wall (Interior)	MAB-NEIW-Base(20150406)	04/06/2015	SP094	Yes
36	Former Lift Station	Feature 70 (Containment Pit) - (Bays N14-P15)	MAB-CPT-BASE4(20150409)	04/09/2015	SP095	Yes
37	Exterior Foundation Wall	MAB - Foundation Wall (East)	MAB-EXFW-SW-1(20150409)	04/09/2015	SP099	Yes
38	Former Paint Operations	Feature 104 (Former Paint Operations)	MAB-PAINTOP-Base2(20150410)	04/10/2015	SP098	No
39	Clay Utility Pipe	MAB - Utilities	MAB-L32-NESW(20150413)	04/13/2015	SP113	No
40	Interior Foundation Wall 1	MAB - Foundation Wall (Interior) - East Central	MAB-INFW-55(20150413)	04/13/2015	--	No
41	Interior Foundation Wall 2	MAB - Foundation Wall (Interior) - East Central	(MAB-IFW-63)	--	SP110/SP111	Yes
42	Battery House/Tank Farm Trenches	MAB - Foundation Wall (East)	MAB-TFT-Base(20150414) (MAB-EXFW-14)	04/14/2015	SP096 (MAB-EXFW-14)	No
43	Main Water Line 1	MAB - Utilities (East)	MAB-MWL-203(20150417)	04/17/2015	SP114	No
44	Main Water Line 2	MAB - Utilities (East)	(MAB-MWL-216)	--	SP115	Yes
45	Small Parts Enamel Sludge Pit	Feature 100 (Former Dell-Park Pit) - Small Parts Enamel Sludge Pit	MAB-ESB-SW-E-B(20151417)	04/17/2015	SP097	Yes
46	Bumper Foundation	Feature 60 (Former Railroad Line) / Bumper Booth	MAB-BB-Base2(20150417)	04/17/2015	--	No
47	Training Center (Fire Loop)	MAB - Utilities (Northeast) - (Fire Line)	NEWP-SW1 (20150430)	04/30/2015	SP117	Yes
48	Unidentified Pit 2	MAB - Unidentified Pit	MAB_M28_Pit_Base SP118_01 / SP118_02	05/06/2015 05/07/2015	SP118	Yes
49	Training Center (Debris)	Feature 4 (Former Area of Impacted Soil - Leak #10700 [Training Center])	SP119-SL-0815 (AMEC Sampled)	08/18/2015	SP119	No
50	Pump Room (West Wall)	MAB - Pump Room (Bays F25-G27) - West	MAB-PR-NWBase (20150604)	06/04/2015	SP120	No
51	Pump Room (North/East Wall)/Expansion Tank	MAB - Pump Room (Bays F25-G27) - North MAB - Pump Room (Bays F25-G27) - East	MAB-PR-NEBase (20150604)	06/04/2015	SP121	No
52	Steam Tunnel/Feature 59 - Railroad Spur	MAB - Steam Tunnel (Bays AA27-N27)	--	--	SP122	No
53	Steam Tunnel (North Wall)	MAB - Steam Tunnel (Bays AA27-N27)	MAB-STUNNEL-1082 (20150521); HOPPER_SW-3 (20150528)	05/21/2015	SP123	No
54	Hopper House	Feature 47 (Former Coal Operations)	MAB-HOPPER-N-1-T (20150626)	06/26/2015	SP124	Yes
55	Sand Elevator Shaft	MAB - Sand Elevator (L20)	MAB-SE-SW4 (20150701)	07/01/2015	SP125	Yes
56	Abandoned Fire Loop	O41-2 (Grid Screening) P41-1 (Grid Screening) MAB - Utilities (Fire Line) - (South; Below 2nd Slab)	O41-2 (20150707) P41-1 (20150708) MAB-FHL2-61 (20150713)	07/07/2015 07/08/2015 07/13/2015	--	No
57	Grid Screening (R19)	R19-01 (Grid Screening)	MAB-R19 (20150529)	05/29/2015	--	No
58	DI Pit	MAB - DI Water Pit (Bay L13)	MAB-DIW (20150827)	08/27/2015	SP126	Yes
59	Plaster Pit	MAB - Plaster Pit (Bay M15)	MAB-PP-BASE1 (20150827); SP127-01 (20150827)	08/27/2015; 08/27/2015	SP127	Yes
60	Pivoting Pillar Buck Pits	MAB - Pit for Pivoting Pillar Bucks (Bays G35-J35)	MAB-PPBP-SW1 (20150901)	09/01/2015	SP128	Yes

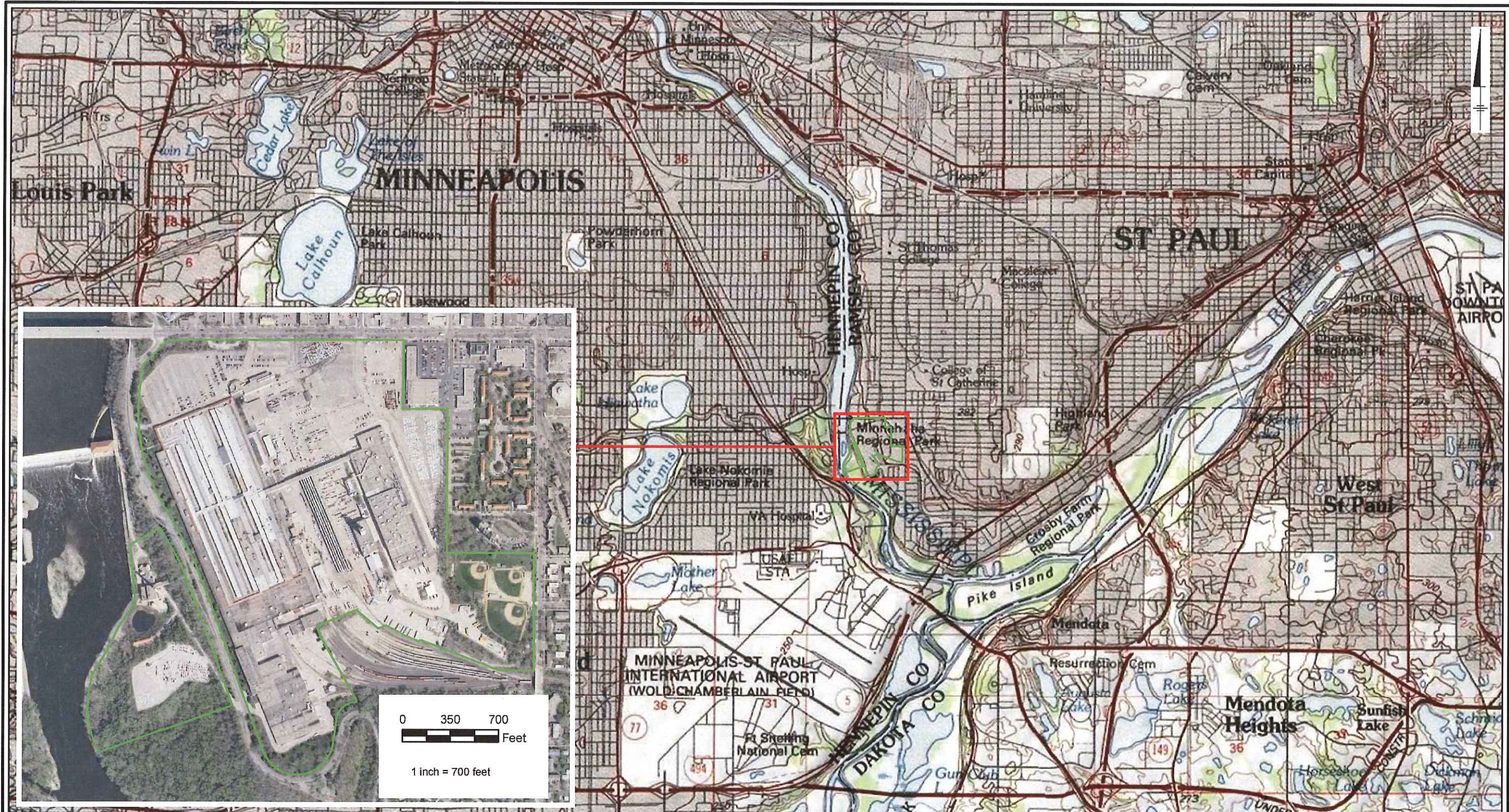
Acronyms and Abbreviations:

-- not applicable
 MAB Main Assembly Building
 PB Paint Building
 SP stockpile

FIGURES




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 Project: MN00059
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LEGEND:
 — Ford Property Boundary

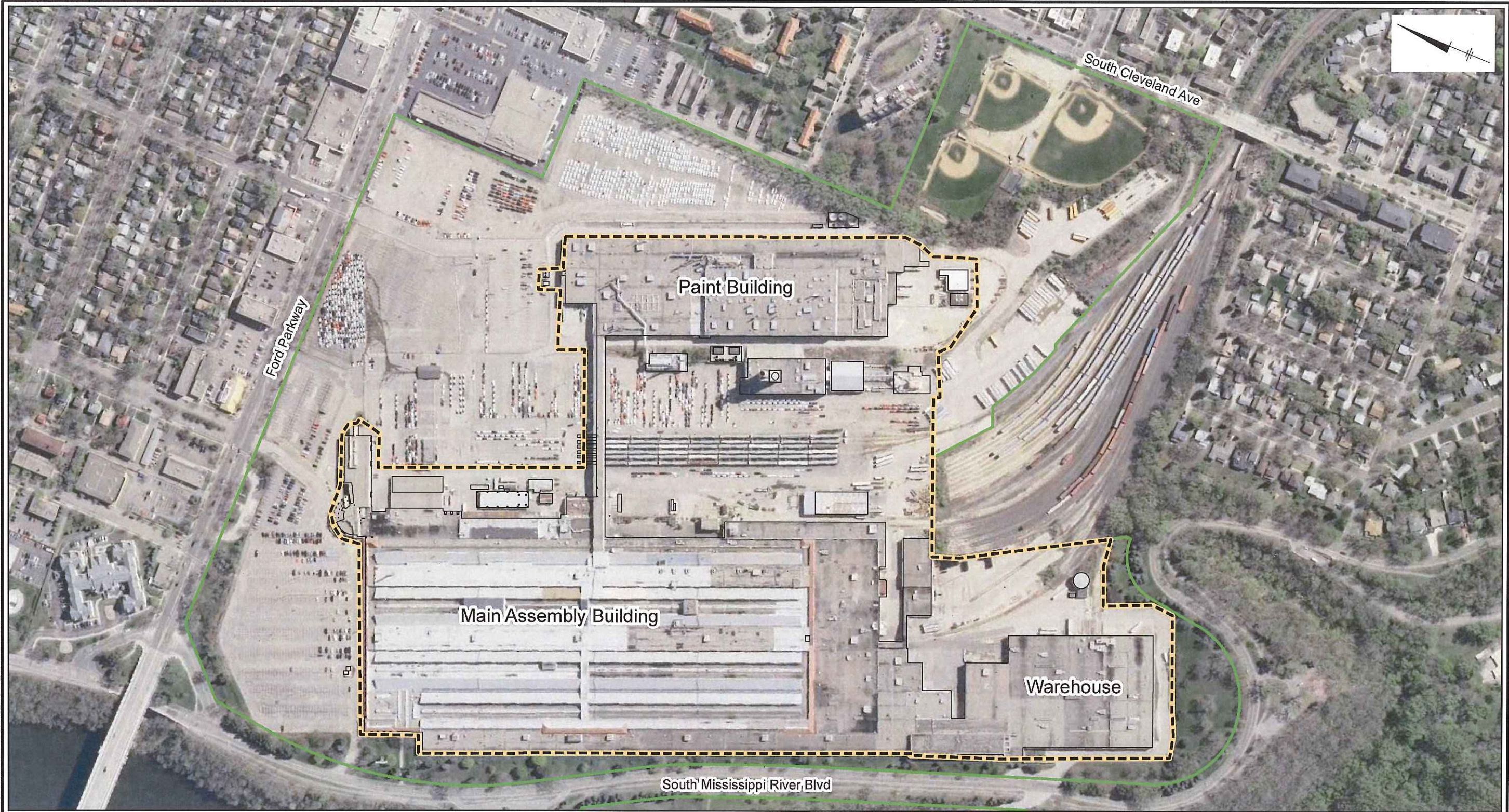
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<http://geoint.lmic.state.mn.us/cgi-bin/wms/> Accessed 3/30/2016
 Topographic Map Source:
 © 2007 National Geographic Society

0 1 2 Miles
 1 inch = 1 mile

 Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Site Location

 | **FIGURE 1**

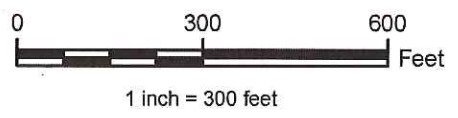


CITY: Minneapolis, MN DB: MGress PM: Bryan Zinda
 Project: MN000593
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- LEGEND:**
- Extent of Subsurface Decommissioning
 - Former Buildings
 - Ford Property Boundary

NOTES:

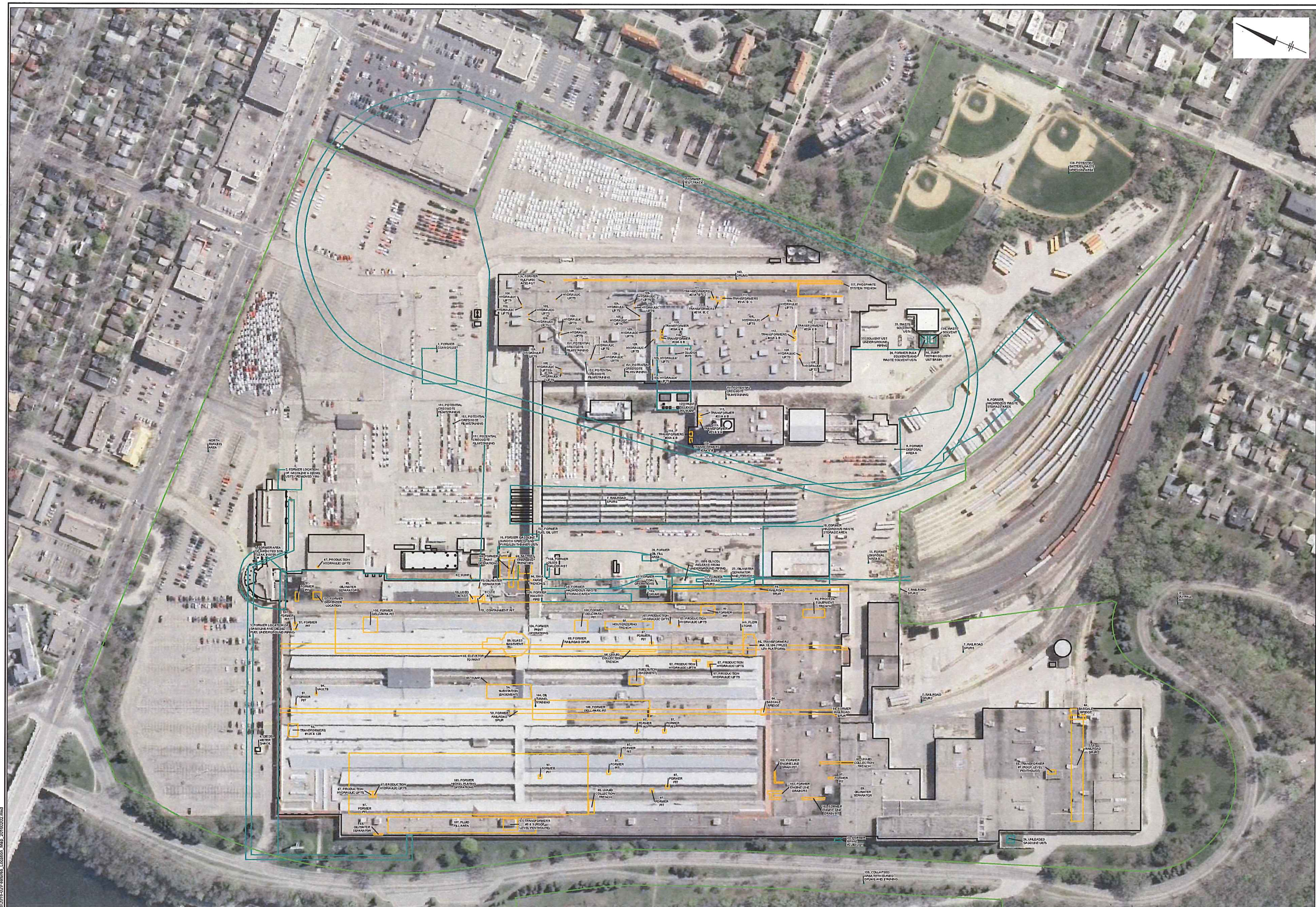
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Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Property Layout

FIGURE
2



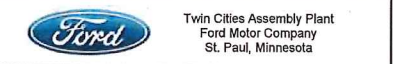
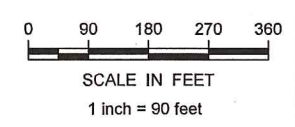
LEGEND:

Exterior Feature
 Former Buildings
 Interior Feature
 Ford Property Boundary

ASTs = above ground storage tanks
 USTs = underground storage tanks

NOTES:

Imagery Source: MnGeo WMS service, 2010 color 7-county
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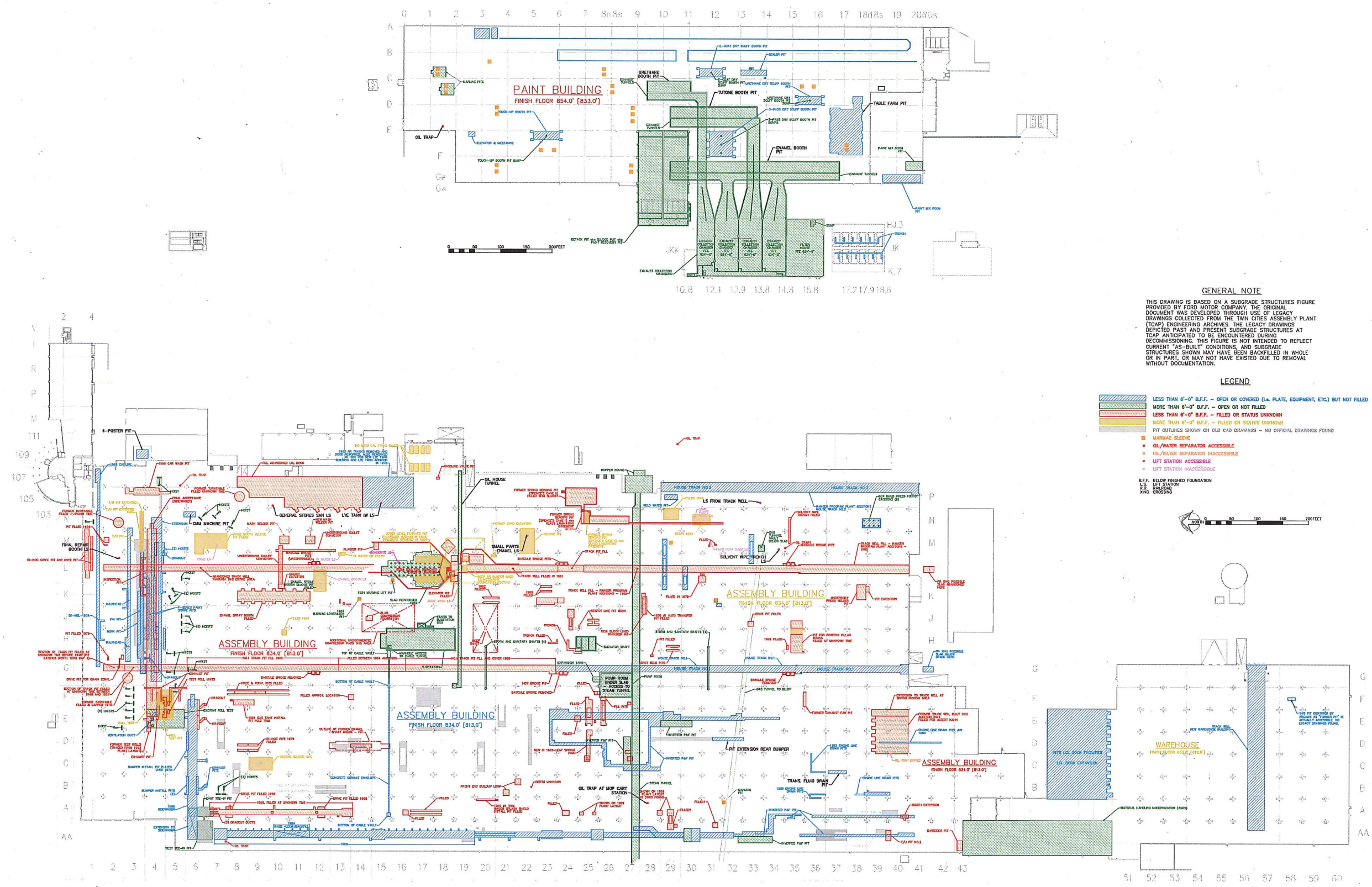
Feature Locations

ARCADIS

FIGURE
3

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 PROJECT: 20130201301 - ENVIRONMENTAL IMPACT STATEMENT FOR THE PROPOSED TWIN CITIES ASSEMBLY PLANT

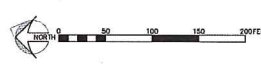
CITY OF MINNEAPOLIS, MN DIVISION OF PUBLIC WORKS, ST. PAUL, MINNESOTA
 PROJECT: TWIN CITIES ASSEMBLY PLANT - SUBGRADE STRUCTURES
 DRAWING: SUBGRADE STRUCTURES - FINISH FLOOR ELEVATIONS
 DATE: 10/15/2013
 DRAWN BY: J. H. [unreadable]
 CHECKED BY: [unreadable]
 APPROVED BY: [unreadable]
 LOGO: FORD MOTOR COMPANY



GENERAL NOTE

THIS DRAWING IS BASED ON A SUBGRADE STRUCTURES FIGURE PROVIDED BY FORD MOTOR COMPANY. THE ORIGINAL DOCUMENT WAS DEVELOPED THROUGH USE OF LEGACY DRAWINGS COLLECTED FROM THE TWIN CITIES ASSEMBLY PLANT (TCAP) ENGINEERING ARCHIVES. THE LEGACY DRAWINGS DEPICTED PAST AND PRESENT SUBGRADE STRUCTURES AT TCAP ANTICIPATED TO BE ENCOUNTERED DURING DECOMMISSIONING. THIS FIGURE IS NOT INTENDED TO REFLECT CURRENT "AS-BUILT" CONDITIONS, AND SUBGRADE STRUCTURES SHOWN MAY HAVE BEEN BACKFILLED IN WHOLE OR IN PART, OR MAY NOT HAVE EXISTED DUE TO REMOVAL WITHOUT DOCUMENTATION.

- LEGEND**
- LESS THAN 6"-0" B.F.F. - OPEN OR COVERED (i.e. PLATE, EQUIPMENT, ETC.) BUT NOT FILLED
 - MORE THAN 6"-0" B.F.F. - OPEN OR NOT FILLED
 - LESS THAN 6"-0" B.F.F. - FILLED OR STATUS UNKNOWN
 - MORE THAN 6"-0" B.F.F. - FILLED OR STATUS UNKNOWN
 - PIT OUTLINES SHOWN ON OLD CAD DRAWINGS - NO OFFICIAL DRAWINGS FOUND
 - MARINAC SLEEVE
 - OIL/WATER SEPARATOR ACCESSIBLE
 - OIL/WATER SEPARATOR INACCESSIBLE
 - LIFT STATION ACCESSIBLE
 - LIFT STATION INACCESSIBLE
- B.F.F. BELOW FINISHED FOUNDATION
 L.S. LIFT STATION
 XING CROSSING

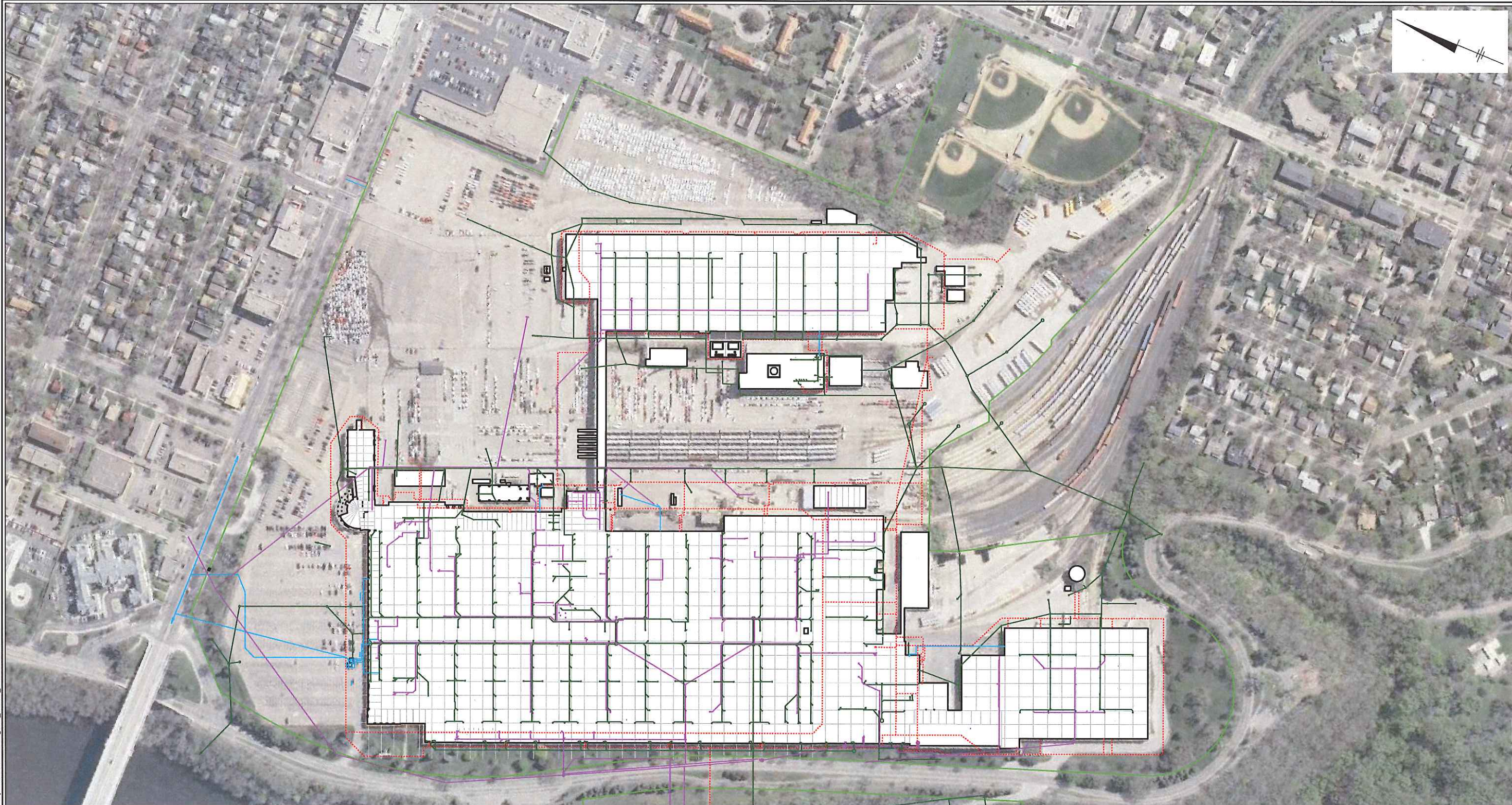


TWIN CITIES ASSEMBLY PLANT
FORD MOTOR COMPANY
ST. PAUL, MINNESOTA

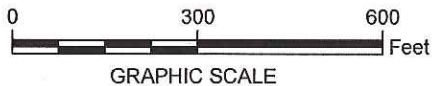
SUBGRADE STRUCTURES

Design & Consultancy
for natural and built assets

FIGURE
4



- LEGEND:
- Former Buildings
 - Fire Line
 - Ford Property Boundary
 - Sanitary
 - Storm
 - Water



NOTES:
 Utility Source: Onsite locations provided by Ford.
 Offsite locations derived from City of Saint Paul Public Works maps.
 Utility locations depicted are approximate.

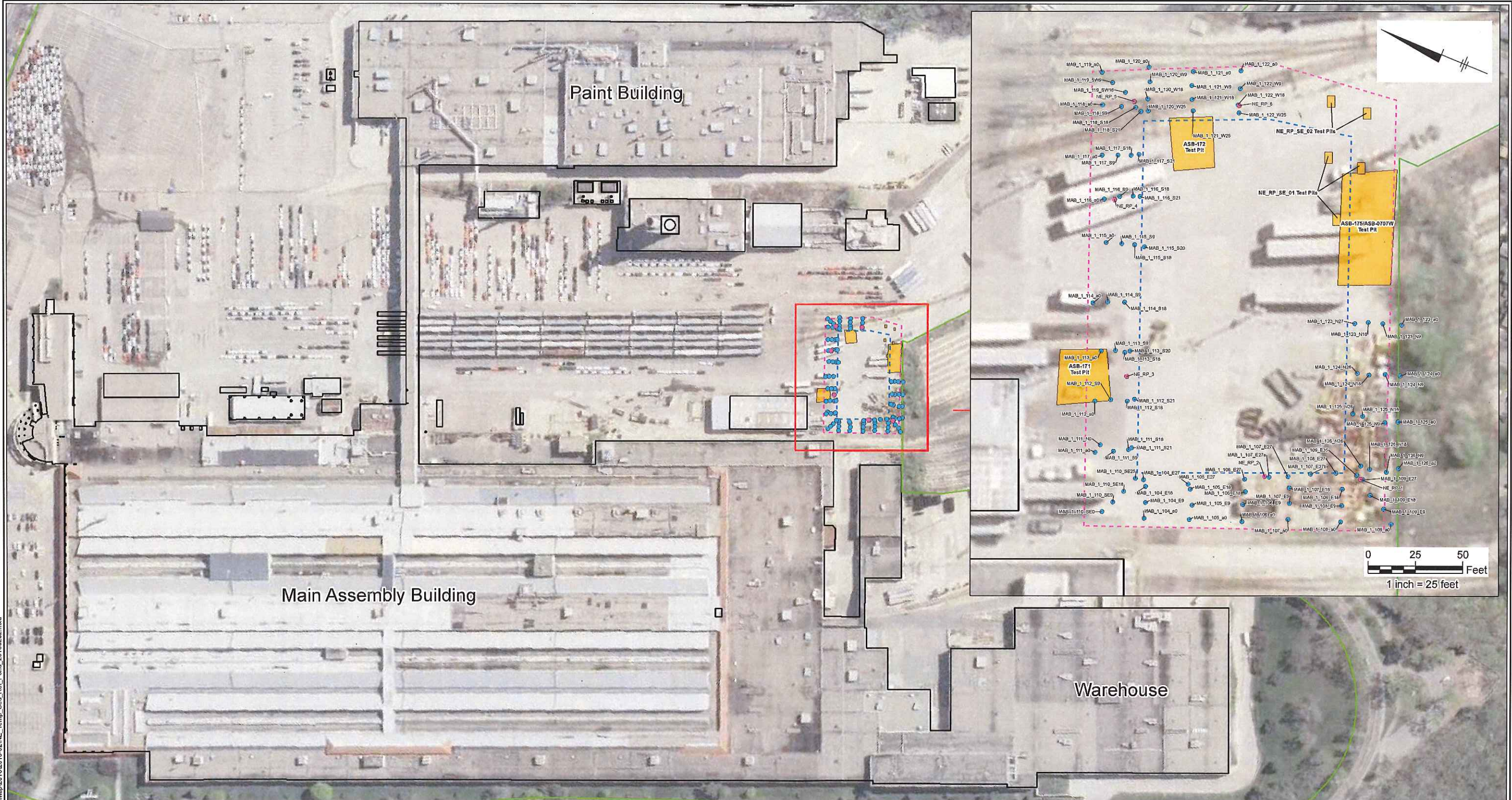


Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Subgrade Utilities

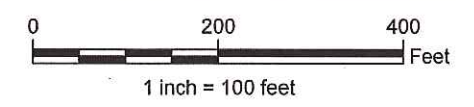


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CITY: Minneapolis, MN DB: MG LD: AR
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- LEGEND:**
- Retention Pond Screening Location
 - Retention Pond Sidewall Analytical Sample Location
 - Former Buildings
 - Ford Property Boundary
 - Test Pit
 - Temporary Sediment Retention Pond Inner Slope Base
 - Temporary Sediment Retention Pond Outer Extent
 - Map Inset Location



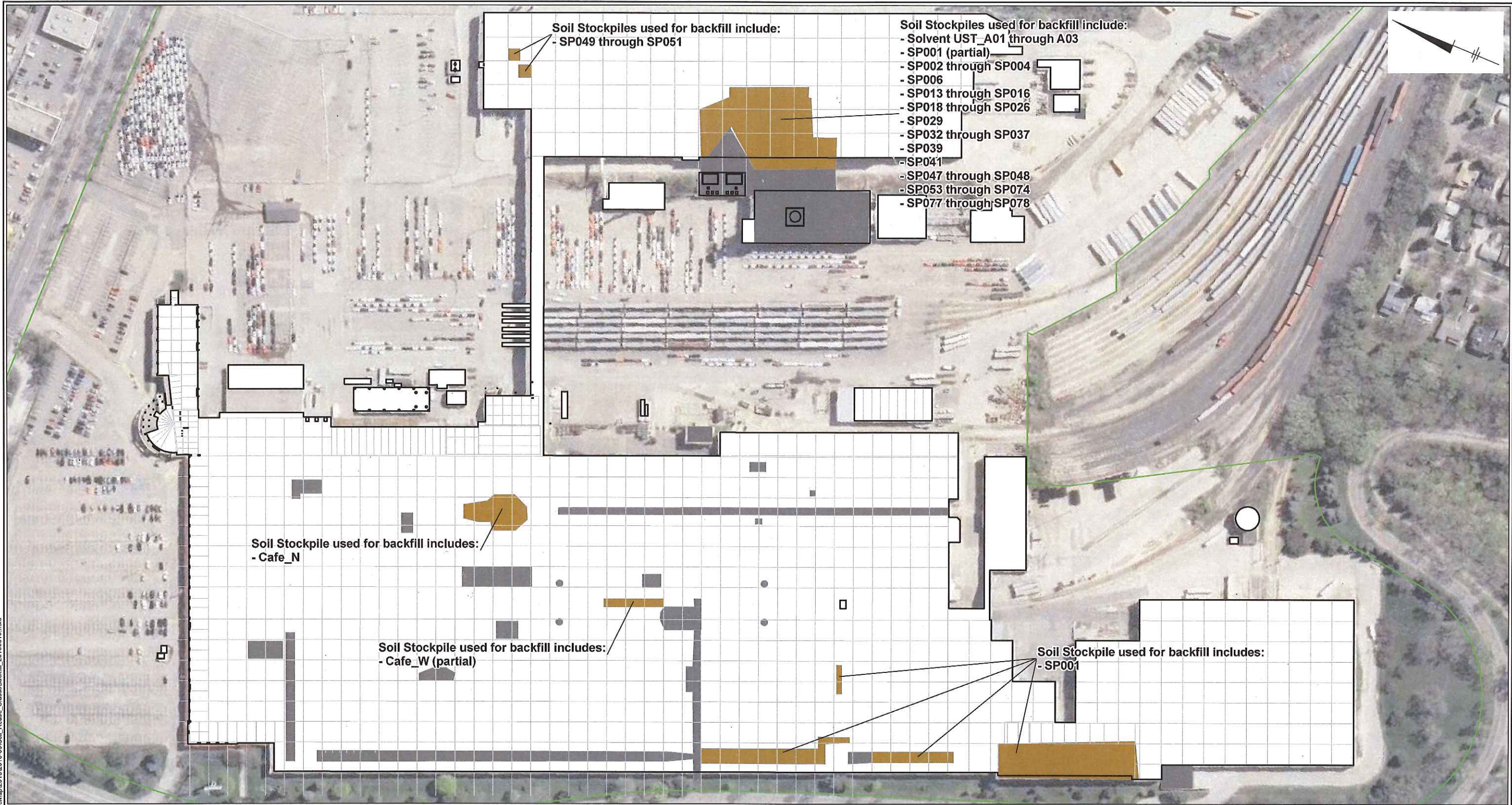
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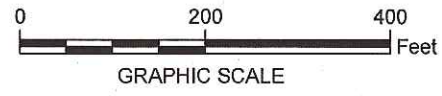
Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota


Northeast Temporary Sediment Retention Pond





LEGEND:
 ■ Concrete Backfill — Ford Property Boundary
 ■ Soil Backfill □ Former Buildings



 Twin Cities Assembly Plant
Ford Motor Company
St. Paul, Minnesota

Soil Reuse and Class 5 Crushed Concrete Backfill Locations

NOTES:
 Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmic.state.mn.us/cgi-bin/wms?>

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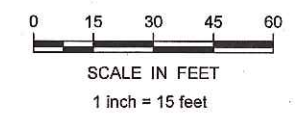


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 PROJECT: Sidewalk and Base Screening Locations - Features
 DRAWING: 301103317.dwg

- LEGEND:**
- Feature Screening Location
 - Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)
 - AST = above ground storage tank
 - PID = photoionization detector
 - ppm = parts per million
 - Ford Property Boundary
 - Former Buildings
 - Exterior Feature
 - Interior Feature



NOTES:
 Imagery Source: MnGeo WMS service, 2010 color 7-county
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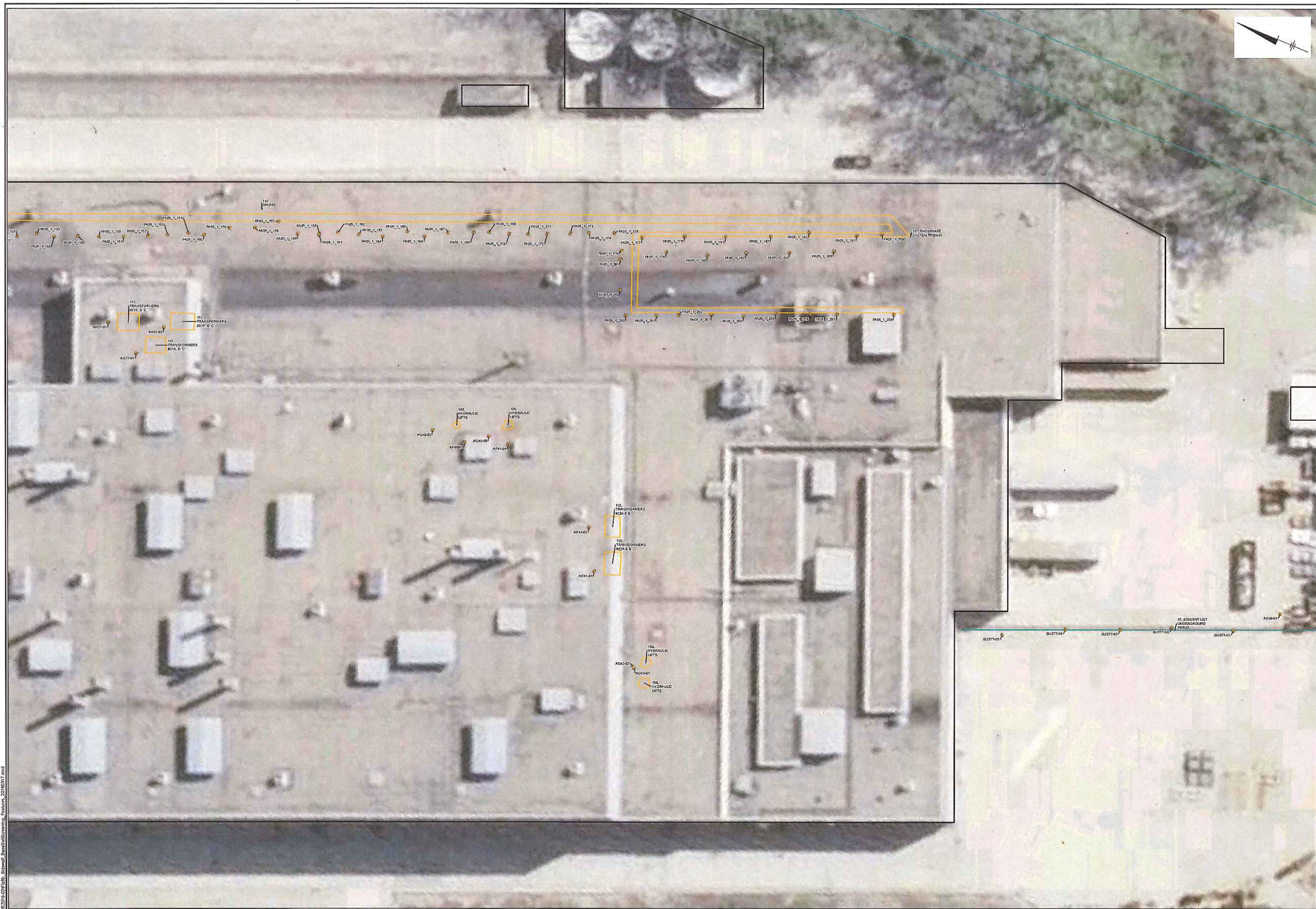


Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Sidewalk and Base Screening Locations – Features



FIGURE
8a



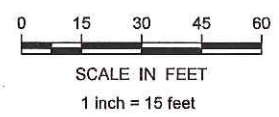
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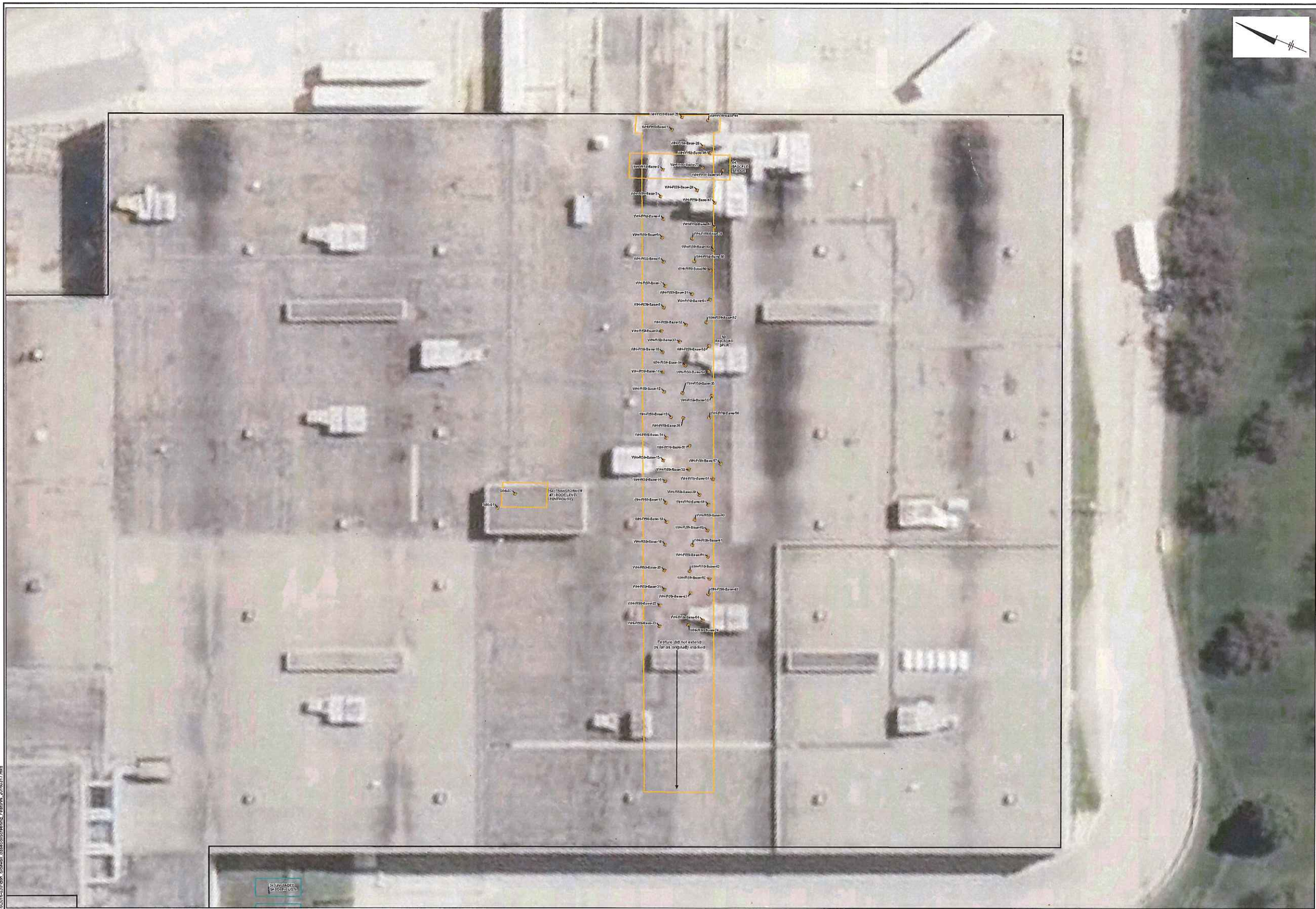
Feature Screening Location	Ford Property Boundary
Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)	Former Buildings
PID = photoionization detector ppm = parts per million UST = underground storage tank	Exterior Feature
	Interior Feature



NOTES:
 Imagery Source: MxGeo WMS service, 2010 color 7-county
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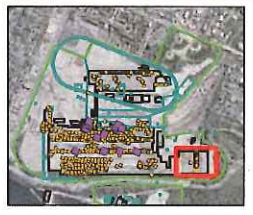
	Twin Cities Assembly Plant Ford Motor Company St. Paul, Minnesota
	Sidewall and Base Screening Locations - Features
	FIGURE 8b



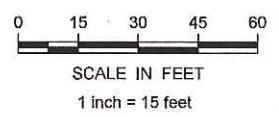
CITY OF MINNEAPOLIS IAN 081416.LD.MX
 CITY OF MINNEAPOLIS IAN 081416.LD.MX
 City of Minneapolis, 20160317.mxd

LEGEND:

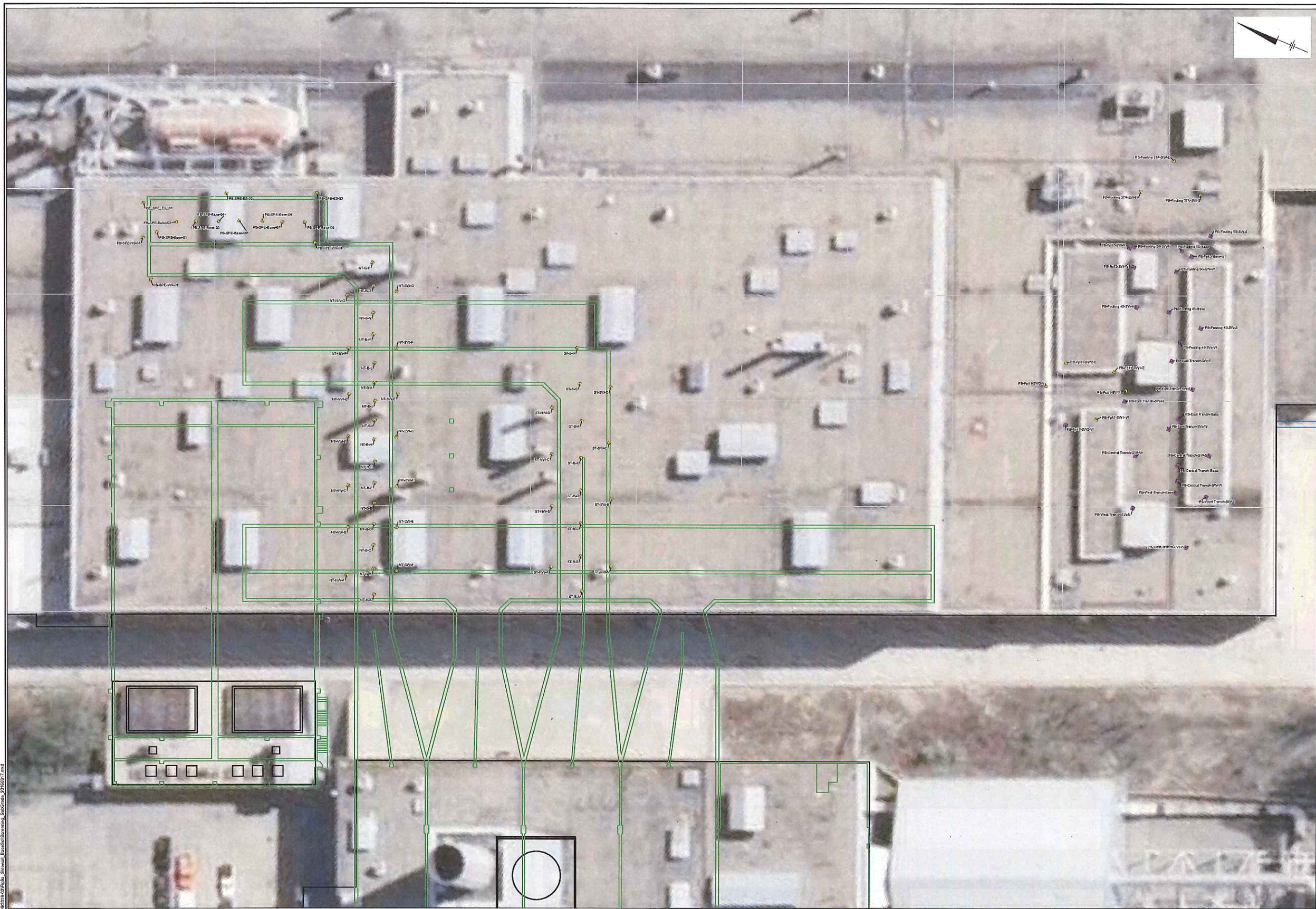
Feature Screening Location	Ford Property Boundary
Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)	Former Buildings
PID = photoionization detector ppm = parts per million UST = underground storage tank	Exterior Feature
	Internal Feature



NOTES:
 Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmcc.state.mn.us/cgi-bin/wms?>



	Twin Cities Assembly Plant Ford Motor Company St. Paul, Minnesota
	Sidewall and Base Screening Locations – Features
	FIGURE 8h



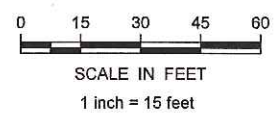
CITY: MINNEAPOLIS, MN; DB: MG; LD: 01;
 PATH: Z:\GIS\PROJECTS\2010\2010_02\Fig_8_Sidewalk_BaseScreeningLocations_01101017.mxd

LEGEND:

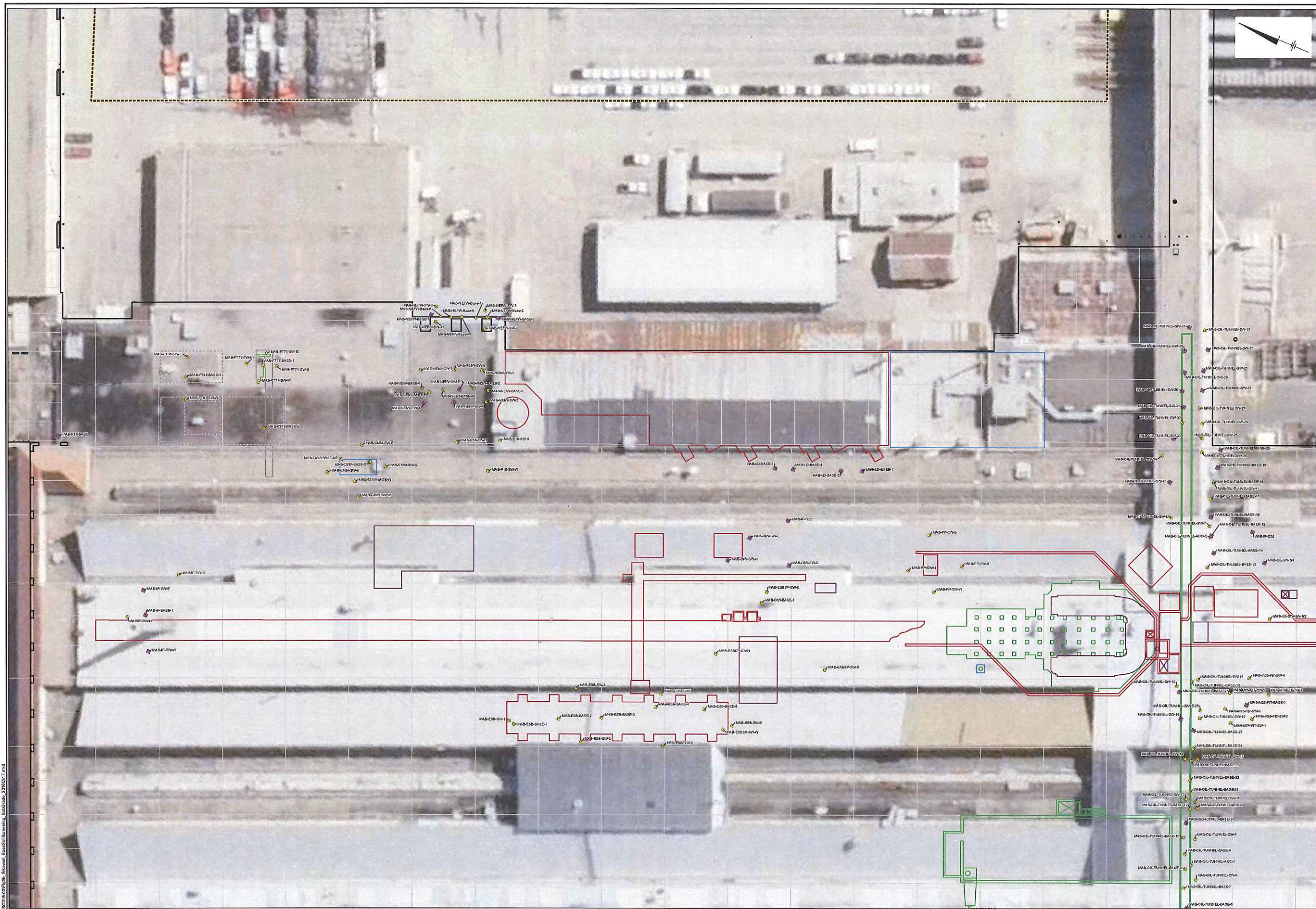
Subgrade Structure Screening Location	Less Than 6'-0" B.F.F. - Open or Covered (Pits, Equipment, Etc.) But Not Filled	Ford Property Boundary
Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)	More Than 6'-0" B.F.F. - Open or Not Filled	Former Buildings
	Less Than 6'-0" B.F.F. - Filled or Status Unknown	Extent of Subsurface Decommissioning
	More Than 6'-0" B.F.F. - Filled or Status Unknown	PID = photoionization detector ppm = parts per million B.F.F. = below finished floor; post to decommission
	Pit Outlines Shown on OMCAD Drawings - No Official Drawings Found	
	Outline of Features Identified by Arcadis, Not Found on Ford Drawings	



NOTES:
 Imagery Source: MGeo WMS service, 2010 color 7-county
<http://geoint.lmic.state.mn.us/cgi-bin/wms?>



	Twin Cities Assembly Plant Ford Motor Company St. Paul, Minnesota
	Sidewalk and Base Screening Locations - Subgrade Structures
	FIGURE 9a



CITY: MINNEAPOLIS, MN DRG NO: MG LD, RY
 PATH: Z:\GIS\PROJECTS\2010\20100117.mxd

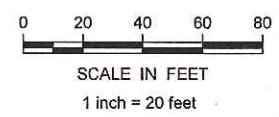
LEGEND:

- Subgrade Structure Screening Location
- Feature Resisting Location with Indication of Insects (e.g. PID greater than 10 ppm, odor, or visual)
- Less Than 6'-0" B.F.F. - Open or Covered (Pit, Equipment, Etc.) But Not Filled
- More Than 6'-0" B.F.F. - Open or Not Filled
- Less Than 6'-0" B.F.F. - Filled or Status Unknown
- More Than 6'-0" B.F.F. - Filled or Status Unknown
- Pit Outlines Shown on CH2 CAD Drawings - No Official Drawings Found
- Outline of Feature Identified by Arcadis, Not Found on Ford Drawings
- Ford Property Boundary
- Former Buildings
- Extent of Subsurface Decommissioning
- PID = photoluminescence detector ppm = parts per million
 B.F.F. = below finished floor, prior to decommissioning



NOTES:

Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.mn.state.mn.us/cgi-bin/wms?>

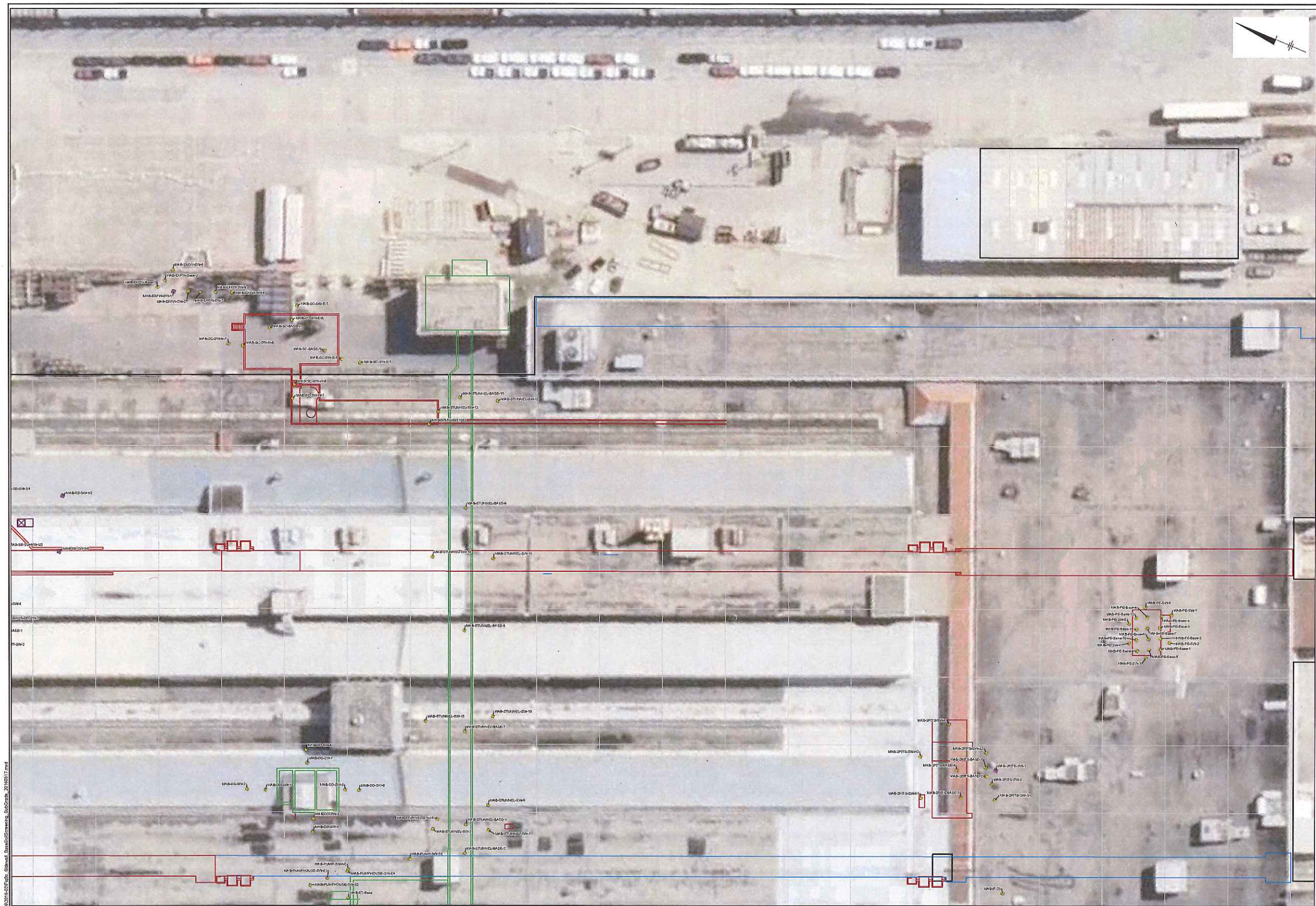


Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Sidewall and Base Screening Locations - Subgrade Structures



FIGURE
9b



CITY: MINNEAPOLIS, MN (2014) LID: 114
 DATA: 2/28/2014 10:58:53 AM
 DRAWING: Sidewalk and Base Screening Locations - Subgrade Structures - 20140217.dwg

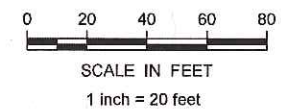
LEGEND:

- | | | |
|---|--|--------------------------------------|
| Subgrade Structures Screening Location | Less Than 6'-0" B.F.F. - Open or Covered (Plank, Equipment, Etc.) But Not Filled | Ford Property Boundary |
| Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual) | More Than 6'-0" B.F.F. - Open or Not Filled | Former Buildings |
| | Less Than 6'-0" B.F.F. - Filled or Status Unknown | Extent of Subsurface Decommissioning |
| | More Than 6'-0" B.F.F. - Filled or Status Unknown | |
| | Pit Outlines Shown on Old CAD Drawings - No Official Drawings Found | |
| | Outline of Feature Identified by Arcadis, Not Found on Ford Drawings | |



NOTES:

Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmic.state.mn.us/cgi-bin/wms?>



Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Sidewalk and Base Screening Locations - Subgrade Structures



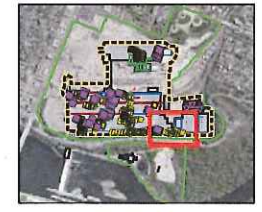
FIGURE
9c



CITY: MINNEAPOLIS, MN | JOB: IAG-143-141-141 | DATE: 2/28/2013 | DRAWING: IAG-143-141-141-001 | SCALE: 1" = 20' | PROJECT: Sidewalk and Base Screening Locations - Subgrade Structures

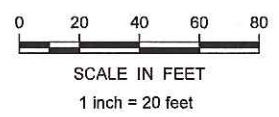
LEGEND:

- Subgrade Structure Screening Location
- Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)
- Less Than 6'-0" B.F.F. - Open or Covered (PME, Equipment, Etc.) But Not Filled
- More Than 6'-0" B.F.F. - Open or Not Filled
- Less Than 6'-0" B.F.F. - Filled or Status Unknown
- More Than 6'-0" B.F.F. - Filled or Status Unknown
- Pit Outlines Shown on Old CAD Drawings - No Official Drawings Found
- Outline of Feature Identified by Arcadis, Not Found on Ford Drawings
- Ford Property Boundary
- Former Buildings
- Extent of Subsurface Decommissioning



NOTES:

Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmrc.state.mn.us/cgi-bin/wms?>

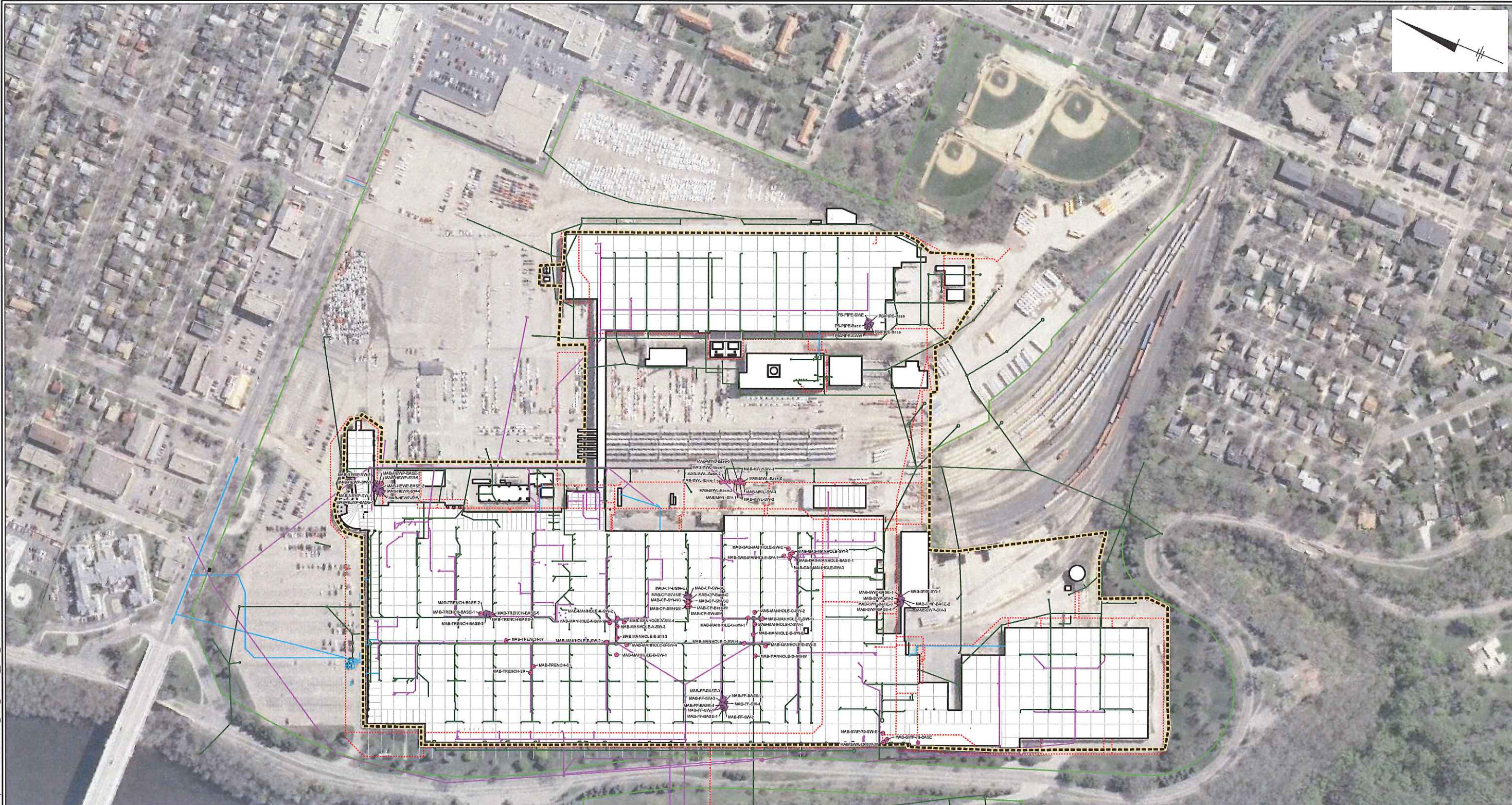


Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

**Sidewalk and Base Screening
 Locations - Subgrade Structures**



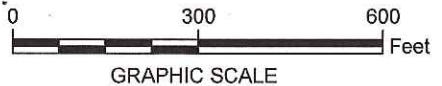
FIGURE
9g



LEGEND:

- Utility Screening Location
- Feature Screening Location with Indication of Impacts (e.g. PID greater than 10 ppm, odor, or visual)
- Former Buildings
- Ford Property Boundary
- Fire Line
- Sanitary
- Storm
- Water
- Extent of Subsurface Decommissioning

PID = photoionization detector
ppm = parts per million



NOTES:
Utility Source: Onsite locations provided by Ford.
Offsite locations derived from City of Saint Paul Public Works maps.
Utility locations depicted are approximate.
Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmic.state.mn.us/cgi-bin/wms?>



Twin Cities Assembly Plant
Ford Motor Company
St. Paul, Minnesota

Sidewall and Base Screening Locations – Utilities



CITY: Minneapolis, MN DB: MG LD: AR
TCAP
Document Path: Z:\GIS\PROJECTS_L\ENV\Ford Ranger\ArcMap2016\03\Sidewall_Base_Screening_Loc_201610301.mxd



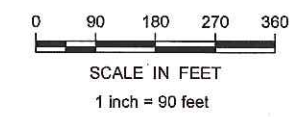
CITY OF MINNEAPOLIS 08-04-10 LD-RK
 CITY OF ST. PAUL 08-04-10 LD-RK
 CITY OF ST. LOUIS 08-04-10 LD-RK
 CITY OF ST. CINCINNATI 08-04-10 LD-RK
 CITY OF ST. CLEVELAND 08-04-10 LD-RK
 CITY OF ST. COLUMBUS 08-04-10 LD-RK
 CITY OF ST. CINCINNATI 08-04-10 LD-RK
 CITY OF ST. CLEVELAND 08-04-10 LD-RK
 CITY OF ST. COLUMBUS 08-04-10 LD-RK
 CITY OF ST. CINCINNATI 08-04-10 LD-RK
 CITY OF ST. CLEVELAND 08-04-10 LD-RK
 CITY OF ST. COLUMBUS 08-04-10 LD-RK

LEGEND:

- Grid Screening
- Grid Screening Locations with indication of impacts (e.g. PID greater than 10 ppm, odor, or visual)
- PID = photoionization detector ppm = parts per million
- ▭ Exterior Feature
- ▭ Interior Feature
- ▭ 50' Grid
- ▭ Area Not Exposed During Decommissioning
- ▭ Area Not Applicable/Accessible Due to Excavation Completed Down to Bedrock or Demolition Activity
- ▭ Former Buildings
- ▭ Ford Property Boundary
- ▭ Extent of Subsurface Decommissioning

NOTES:

Imagery Source: MnGeo WMS service, 2010 color 7-county
<http://geoint.lmcc.state.mn.us/cgi-bin/wms?>



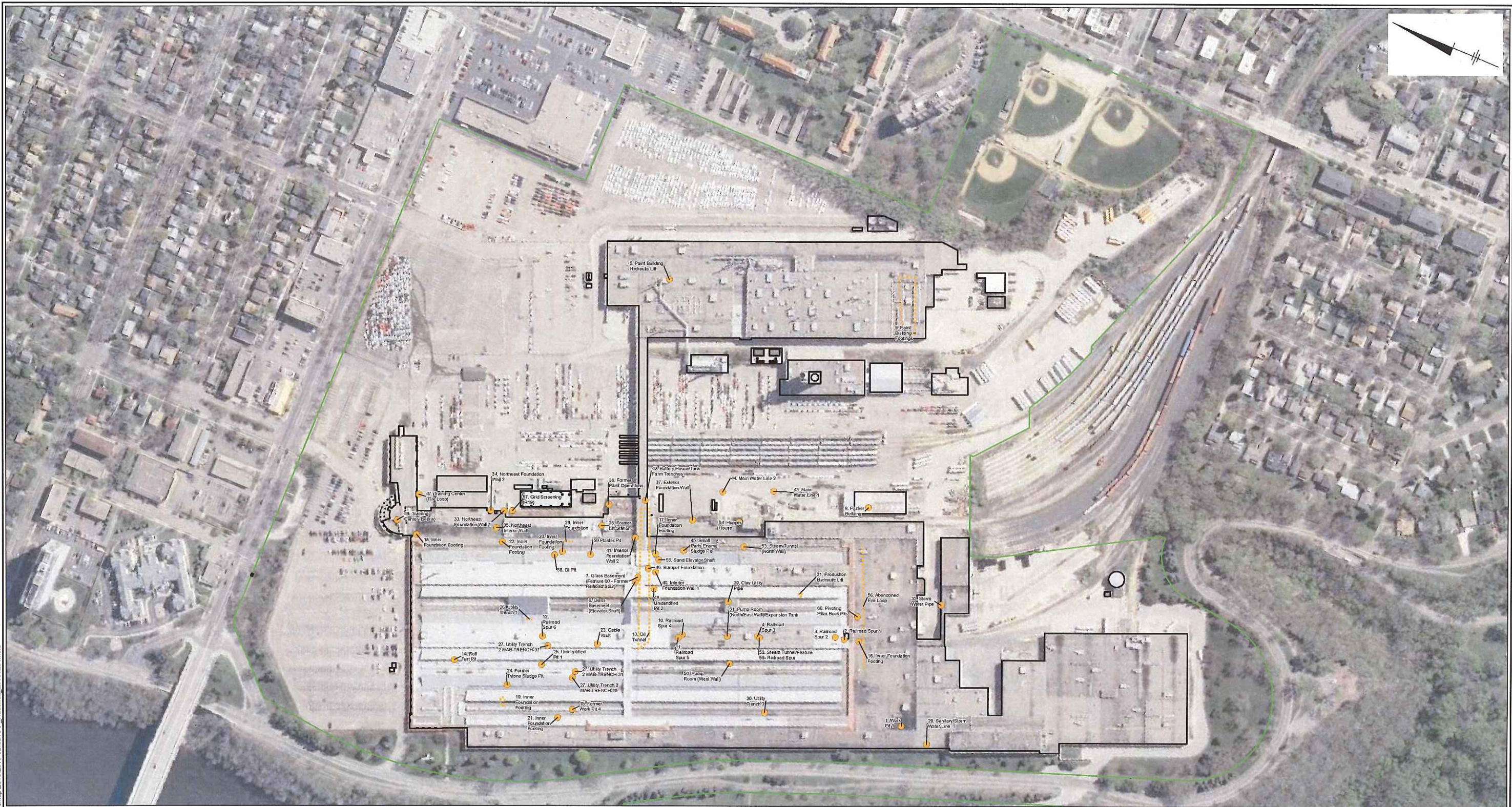


Twin Cities Assembly Plant
 Ford Motor Company
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Grid Screening Locations

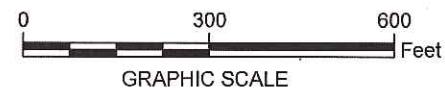


FIGURE
11



LEGEND:

- Addendum Location
- Former Buildings
- Addendum Location Outline
- Ford Property Boundary



NOTES:

Aerial: Minnesota WMS Service, 2010

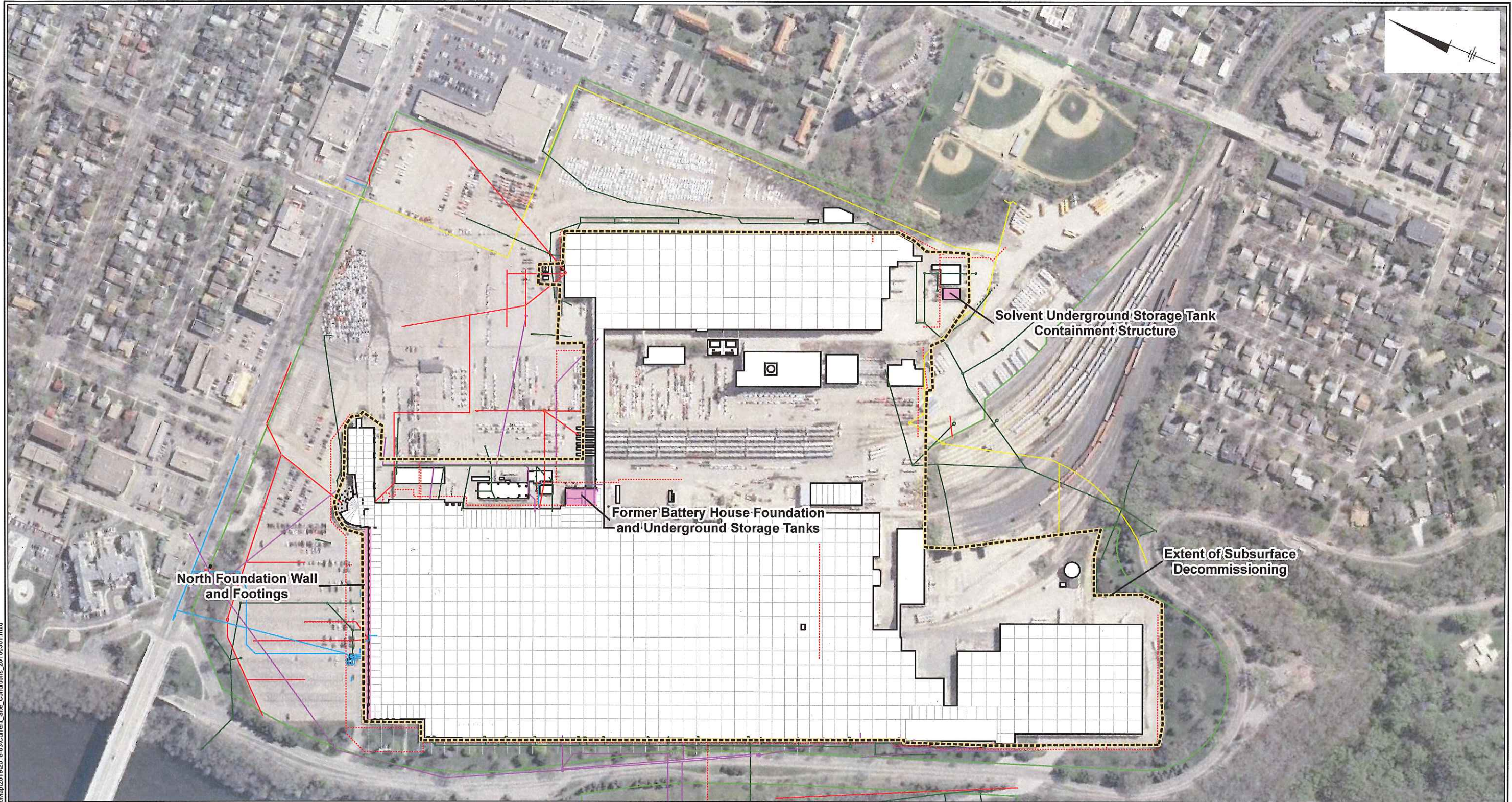


Twin Cities Assembly Plant
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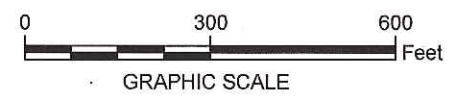
SDRAP Addendum Locations



FIGURE
12



- LEGEND:**
- Former Buildings
 - Fire Line
 - Extent of Subsurface Decommissioning
 - Ford Property Boundary
 - Electric
 - Gas
 - Sanitary
 - Storm
 - Water
 - Left-in-Place; To Be Decommissioned at a Future Date



NOTES:

Utility Source: Onsite locations provided by Ford.
 Offsite locations derived from City of Saint Paul Public Works maps.

Utility locations depicted are approximate.

Imagery Source: MGeo WMS service, 2010 color 7-county
<http://geoint.lmic.state.mn.us/cgi-bin/wms?>



Twin Cities Assembly Plant
 Ford Motor Company
 St. Paul, Minnesota

Current Site Conditions



APPENDIX A

SDRAP Modification Approvals



APPENDIX B

Metropolitan Council Environmental Services Special Discharge Permits



APPENDIX C

Photograph Log



APPENDIX D

Field Notes



APPENDIX E

Manifests



APPENDIX F

Laboratory Analytical Reports



APPENDIX G

Excavated Soil Screening Results - Features



APPENDIX H

Excavated Soil Screening Results – Subgrade Structures and Utilities



APPENDIX I

Sidewall and Base Screening Results - Features



APPENDIX J

Sidewall and Base Screening Results – Subgrade Structures



APPENDIX K

Sidewall and Base Screening Results - Utilities



APPENDIX L

Grid Screening Results



APPENDIX M

Laboratory Analytical Reports – Off-Site Disposal



APPENDIX N

SDRAP Addendums and MPCA Approvals





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