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Subject: General Mills Slip Historical Data Review Technical Memorandum
Superior Slips, St. Louis River Area of Concern
Superior, Wisconsin

1. Introduction

AECOM Technical Services, Inc. (AECOM) has prepared this technical memorandum in accordance with Task 3-Existing Data and Review guidelines provided in the Wisconsin Department of Natural Resources' (WDNR) request for proposal (RFP) and Scope of Work (SOW) (WDNR, 2022). This technical memorandum has been prepared for the WDNR under the United States Environmental Protection Agency (USEPA) Great Lakes Restoration Initiative (GLRI) grant (USEPA GLRI Grant No. GL-00E03068). As detailed in the WDNR RFP and SOW, AECOM is to review existing data for each project site within the St. Louis River Area of Concern (SLRAOC), compile this information, and format the available data, as necessary. The project areas under Task 3 include C Street Slip, Tower Avenue Slip, General Mills Slip, and Oil Barge Dock Slip. The selected project areas are located along the right descending bank of the St. Louis River in Superior, Wisconsin. This technical memorandum will focus on the data review for the General Mills Slip. Historical data review results for all other project areas will be summarized in subsequent memorandums or in monthly progress reports as detailed in the WDNR RFP and SOW (WDNR, 2022).

2. SITE DESCRIPTION AND HISTORY

2.1 Site Description and Historical Use

The General Mills Slip is a 7-acre inlet off St. Louis Bay located to the west of Interstate 535 and just northwest of the city of Superior, Wisconsin. The General Mills Slip is immediately east of Midwest Energy Resources Company's (MERC) large coal stockpile at the West Waterfront. See **Figure 1** for the site location. A berm runs along the eastern side of the dock, on the western margin of the slip stands the submerged ruins of the Great Northern Dock, which was reportedly abandoned in the 1960s and now consists of a remnant piling field with a shallow embayment (EA, 2021).

According to the 2019 Shoreline Changes Report prepared by Sigma (Sigma, 2019a), the dock was constructed between 1886 and 1888. The Great Northern Railway constructed a grain elevator at the base of the dock in 1886 and Northwestern Fuel Co. used the northern portion of the dock for open-air coal storage from 1888 to 1898, when a grain elevator was constructed on the site of the former coal dock. Between the 1930s to 1970s the northern portion was converted to an oil transfer and storage depot. Between 1932 and 1939, an oil bunkering facility operated on the west side of the south end of the General Mills Dock. Pipelines ran from a historical petroleum product storage terminal to the dock. The bunkering facility closed between 1961 and 1974 (Sigma, 2019a). The Dock is currently used by General Mills for loading grain into ships for transport.

MERC, located to the west of the General Mills slip, may be a potential source of contamination in sediments in the SLRAOC. The MERC site is approximately 181.8 acres and consists of a coal dock extending north into the St. Louis Bay with remnants of the Great Northern Dock to the east. This site is currently a distribution center and developed with coal handling facilities capable of storing up to 5-million tons of coal in an open-air pile, maintenance garage, railroad tracks, loading docks, above ground storage tanks (AST), and a wastewater treatment facility. Historical documents indicate the MERC dock was built on the sites of three historical docks (the Great Lakes Dock, the Carnegie Dock, and the Leigh Dock). See **Appendix A** for the locations of the historical docks. All three docks contained open-air coal storage between the years of 1886 and 1973. In additions to coal storage, the Great Lakes Dock was also used to fuel coal-burning lake ships. Major fires occurred on Leigh Dock on at least two separate occasions. In the mid-1970s, the slips between the three historical docks were filled to form the MERC dock, a coal dock with an open-air storage capacity of 7,000,000 tons which started operations in 1976 (SIGMA, 2019b).

2.2 Historical Assessment Activities

Site assessment activities related to the General Mills Slip have been conducted from 1999 through 2022 by the following companies:

- Environmental Troubleshooters (ET) on behalf of WDNR, and
- EA Engineering, Science, and Technology, Inc (EA) on behalf of the USEPA and WDNR.

Generally, sediment data collected from the slip has been compared to Wisconsin's Consensus-Based Sediment Quality Guidelines (SQG) Threshold Effect Concentration (TEC), Midpoint Effect Concentration (MEC), and Probable Effect Concentration (PEC). Site assessments and investigations that have been conducted to date at the General Mills Slip are discussed further in the following sections.

2.2.1 October 1999 Site Investigation Report Midwest Energy Backup Generator Site

On November 9, 1999, ET submitted a report titled Site Investigation Report Midwest Energy Backup Generator Site on behalf of WDNR (ET, 1999a). The primary objective of this field investigation was to determine the source, nature, degree, and extent of contamination in soil and groundwater at the MERC Site following a petroleum release that was discovered in November 1998 from a 5,000-gallon diesel underground storage tank (UST) used to fuel an emergency backup generator near the wastewater treatment plant. During the UST removal, approximately 140 cubic yards of petroleum contaminated soils were excavated. On November 6, 1998, one pre-remedial soil sample (S-1) was collected from the UST basin and two pre-remedial soil samples (R-1, R-3) were collected from the excavated soils. Post-remedial soil and groundwater sampling took place between February 16, 1999, to September 1, 1999. On February 16, 1999, five soil sample locations (GP-1 to GP-5) were collected at varying depths from 4 to 16 feet (ft) below ground surface (bgs) and 3 groundwater samples (GP-1W, GP-3W, GP-4W) were collected from the geoprobe boring. On April 22, 1999, an additional three soil locations (MW1 to MW-3) were sampled at depths from 4 to 12-ft bgs and five soil borings were advanced and converted to monitoring wells (MW-1 through MW-5). The monitoring wells (MW-1 through MW-5) were sampled in May and September 1999, with the exception of MW-1 that was sampled on June 29, 1999. Soil sample and groundwater monitoring well locations are shown in **Appendix B**.

Soil and groundwater samples were analyzed for the following parameters: diesel range organics (DRO), petroleum volatile organic compounds (PVOCs), and polynuclear aromatic hydrocarbons (PAHs). Photo

ionization detector (PID) readings and field observations indicated moderate level contamination in the source area. The results of this investigation conclude soil contamination appears to be confined to the immediate area near the former UST basin. Vertically, soil contamination extends from 4 to 8-ft bgs. Based on the contaminant distribution, the source of soil contamination appears to have been the former diesel UST system. Groundwater results indicated DRO and PVOCs were detected in the monitoring wells below the NR 140 Enforcement Standard (ES)and Preventive Action Limit (PAL). The analytical results can be found in **Appendix B**. A remedial action occurred to remove soil with elevated DRO concentrations related to the UST petroleum release. Soil impacts remaining following remedial excavation were addressed with a 10-mil polyethylene plastic liner, which was covered with clean fill.

A contaminant transport assessment and receptor evaluation were conducted to evaluate the potential for migration of contaminants and assess receptors that potentially could be impacted by contamination. The results of the evaluation concluded that buried utility lines do not serve as a pathway for transport of contamination as the utility trench fill consist of materials with similar hydraulic properties as the surrounding aquifer. The nearest surface water body, St. Louis Bay, was approximately 75 feet north of the site. There were no ecosystems or habitats, and no federally listed endangered species on or adjacent to the site. There were no municipal wells identified within 1,200 ft of the site.

A letter dated April 4, 2000, from the WDNR considers the case “closed” having determined no further action is necessary at this time.

2.2.2 1999 Site Characterization Report Midwest Energy UST Fueling Site, Superior, Wisconsin

On December 21, 1999, ET submitted the report titled *Site Investigation Report Midwest Energy UST Fueling Site* (ET, 1999b) on behalf of the WDNR. The site investigation was conducted for the MERC UST Fueling site, where USTs are used for storge of diesel fuel and waste oil at the MERC Site. The primary objective of this field investigation was to identify the source, nature, degree and extent of contamination in the soil and groundwater after a 12,000-gallon petroleum UST release was discovered during removal activities near the maintenance building. Tanks at the site include a 12,000-gallon diesel UST, a 1,000-gallon waste oil UST, and the former 2,000-gallon waste oil UST. During the UST removal, approximately 100 cubic yards of petroleum contaminated soils were excavated. On November 6, 1998, one pre-remedial soil sample (S-1) was collected from the UST basin, and on November 11, 1998, two pre-remedial soil samples (R-1, R-3) were collected from the excavated soils to assess for potential diesel contamination. Post-remedial sampling took place from February 17, 1999, to October 1, 1999. On February 17, 1999, eight soil borings were collected for analysis with depths ranging from 2 to 24-ft bgs. Six monitoring wells were installed June 9 to June 14, 1999, and soil samples were collected from the geoprobe borings. Monitoring wells MW-1 to MW-6 were sampled on June 23, 1999, and October 1,1999. Sediment sample and groundwater locations are shown in **Appendix C**.

Soils were analyzed for DRO, PVOCs, PAHs, polychlorinated biphenyls (PCBs), lead, and cadmium. PID readings and field observations indicated moderate level contamination in the source area. Groundwater was analyzed for DRO, volatile organic compounds (VOCs)/PVOCs, lead, and PAHs. The results of this investigation conclude soil contaminant levels are above the NR 720 generic soil standards for DRO. Soil petroleum contamination appears to be confined to the area around the diesel waste oil UST system and immediate area to the east and southwest. Natural attenuation is occurring in groundwater at the site. The first round of sampling that occurred June 23, 1999, indicated a presence of moderate level DRO contamination in five of the six monitoring wells. Toluene, total xylenes, TMB (tri-methyl benzene), and lead were detected in MW-2 in the first round of sampling. Lead concentrations were above the PAL. The second round of sampling, conducted October 1, 1999, demonstrated levels below the laboratory detection limits and PALs in all six monitoring wells. A small quantity of free product was encountered during tank removal. A sump was installed in the former waste oil UST basin to collect any free product. No measurable free product has been observed in the sump since its installation. The analytical results for the samples collected can be found in **Appendix C.**

A contaminant transport assessment and receptor evaluation were conducted to evaluate the potential for migration of contaminates and assess receptors that potentially could be impacted by contamination. The results of the evaluation concluded that public utility trenching is not present near or adjacent to the existing UST

system. The only buried lines in the area are shallow electric lines for the UST system, and do not serve as a pathway for transport of contamination. The nearest surface water body, St. Louis Bay is approximately 350 feet north of the site. There are no ecosystems or habitats, and no federally listed endangered species on or adjacent to the site. There are no municipal wells identified within 1,200 ft of the site. On April 6, 2000, the State of Wisconsin Department of Natural Resources considered the case "closed" having determined no further action is necessary at this time.

2.2.3 2016 Site Characterization Report Assessment of Contaminated Sediments Superior Waterfront Characterization, St. Louis River and Bay Area of Concern

On February 12, 2016, EA submitted the report titled *Site Characterization Report, Assessment of Contaminated Sediments, Superior Waterfront Characterization, St. Louis River and Bay Area of Concern* (EA, 2016) on behalf of the USEPA. The primary objective of this field investigation was to obtain the data necessary to assess the sediment quality in the Superior Waterfront area and to "evaluate the priority of each area for further assessment or remediation." Sampling took place from July 6, 2015, through July 20, 2015, at four sediment sampling locations (SW15-SLB04 through SW15 -SLB07) within the General Mills Slip. A core sample was not collected at location SW15-SLB07 due to shallow refusal in a heavily scoured area. To obtain adequate volume for the surface sample analysis five ponar samples were collected. Sediment sample locations are shown on **Figure 2**.

Sediment sample depths ranged from 0 to 6-ft below the sediment-water interface. Samples were analyzed for one or more of the following parameters: PAHs, PCBs, Target Analyte List (TAL) metals, mercury, Simultaneously Extracted Metals/Acid Volatile Sulfides (SEM/AVS), pesticides, organotins, grain size analysis, total organic carbon (TOC), and percent moisture. Additionally, location SW-SLB05 was analyzed for acute and chronic toxicity analysis, using the 10-day *Chironomus riparius* and the 28-day *Hyalella azteca* bioassays.

A trace chemical odor was observed by field personnel at sample location SW15-SLB04 from 0.9 to 1.6-ft below the sediment-water interface, a slight to medium chemical odor at sample locations SW15-SLB05 from 2.9 to 3.0-ft below the sediment-water interface, and a slight chemical odor at sample location SW15-SLB06 from 1.2 to 4.8-ft below the sediment-water interface. A general description of each core collected during the investigation is included in **Table 1.**

The results of this investigation concluded that the highest SQG exceedances were generally in the subsurface samples. PEC exceedances in surface sediments were focused closer to the shoreline. Several PEC exceedances were noted in the General Mills Slip, particularly at location SW15-SLB-05. Concentrations of 17 PAHs measured two times the PEC at SW15-SLB06 and tributyltin was detected at SW15-SLB05 at concentrations two and five times greater than the PEC. The surface samples tested for toxicity indicate a toxic environment to both test species and had measured concentrations that exceeded the PEC. The analytical results for the samples collected can be found in **Table 2.**

2.2.4 2021 Site Investigation Report Characterization of Sediments in the North End District and Clough Island St Louis River and Bay Area of Concern, Superior, Wisconsin

On June 21, 2021, EA submitted the report titled Site Investigation Report, Characterization of Sediments in the North End District and Clough Island, St. Louis River and Bay Area of Concern, Superior Wisconsin (EA, 2021) on behalf of the USEPA and DNR. The primary objective of this field investigation was to obtain the data necessary to evaluate the degree and extent of sediment contamination and identify potential sources of contamination and help identify if further investigation or remedial action is required. A geophysical survey of the dock area was conducted from April 27, 2020, to May 3, 2020, and sediment sampling took place from June 22, 2020, through July 4, 2020, at 14 sediment sampling locations (ND20-GM01 through ND20-GM14) within the General Mills Slip. A core was not collected at ND20-GM13 due to refusal at 1.1 ft of penetration. Sediment sample locations are shown on **Figure 2**.

Sediment sample depths ranged from 0 to 10-ft below the sediment surface. Samples were analyzed for one or more of the following parameters: VOCs, semi-volatile organic compounds (SVOCs), PAHs, PCBs, TAL metals, mercury, dioxins/furans, organotins, coal particles, grain size analysis, TOC, and percent moisture. Additionally, three samples (ND20-GM-02, ND20-GM-04, ND20-GM-08) were selected for toxicity testing to evaluate acute toxicity bioassays, chronic toxicity bioassays, and bioaccumulation exposures using the 10-day *Chironomus riparius* bioassay, the 28-day plus 4-hour ultraviolet (UV) light *Hyalella azteca* bioassay, and the 28-day *Lumbriculus variegates* bioassay. A petroleum odor was observed by field personnel at sample location ND20-GM01 only. A general description of each core collected during the investigation is included in **Table 1.**

Microscopic coal results were collected at eight surface samples and ten sample locations collected at depths ranging from 0.3 to 4 feet at 6 different sample locations. Results indicated that the surface samples ranged from 2% (ND20-GM14-SURF) to 12% (ND20-GM07-SURF) coal. Coal was detected in all other samples ranging from 1% at ND20-GM07-2040 to 8% at ND20-GM01-0320. For the four locations that had samples taken at both 0.3 to 2 ft and 2 to 4 ft (ND20-GM01, ND20-GM02, ND20-GM05, and ND20-GM07) had similar coal percentages between the two layers. At ND20-GM012 and ND20-GM014 coal samples were only taken from 0.3 to 2 ft, both of which had 2% coal. The analytical results for microscopic coal samples collected can be found in **Appendix D**.

The results of this investigation concluded most locations within the General Mills Slip had exceedances of PEC for organic compounds including PAH18, dioxins and tributyltin; concentrations in the surface interval were generally lower than samples collected at depth. Some locations exhibited exceedance of the PEC for lead and manganese. All three site locations that were selected for toxicity testing had an adverse effect on *H. azteca* survival. The analytical results for the samples collected can be found in **Table 2.**

2.3 Historical Documents

Descriptions of historical activities were obtained from a review of available existing reports including the following:

Date	Historical Activity
November 12,1999	Site Investigation Report, Midwest Energy Backup Generator Site, Superior Wisconsin
December 27, 1999	Site Investigation Report, Midwest Energy UST Fueling Site, Superior Wisconsin
February 12, 2016	Site Characterization Report, Assessment of Contaminated Sediments, Superior Waterfront Characterization, St. Louis River and Bay Area of Concern, Superior Wisconsin
November 22, 2019	Historic Records Screening Report: Historic Maps Supplemental Volume
November 22, 2019	Shoreline Changes: Task Areas: Winter Street, Tower Avenue, Gas Plant
November 22, 2019	Drainage Patterns: Task Areas: Winter Street, Tower Avenue, Gas Plant
November 22, 2019	Historic Records Screening Report: Winter Street North Task Area
November 22, 2019	Historic Records Screening Report: Tower Avenue Task Area
June 17, 2021	Site Investigation Report, Characterization of Sediments in the North End District and Clough Island, St. Louis River and Bay Area of Concern, Superior, Wisconsin
March 8, 2022	Background Threshold Values for Sediment Contaminants in the St. Louis River AOC

3. Conceptual Site Model

A Conceptual Site Model (CSM) generally includes information on known contaminant sources and impacted media, potential other sources, transport pathways, exposure pathways, and receptors. A preliminary CSM for

the C Street Slip was largely obtained from the *Site Investigation Report, Characterization of Sediments in the North End District and Clough Island, St. Louis River and Bay Area of Concern, Superior Wisconsin* (EA, 2021).

3.1 Physical Site Characteristics

3.1.1 Regional Geology/Hydrogeology

Geology in the region consists of surficial Quaternary glacial deposits overlying bedrock. Quaternary deposits consist primarily of red clay with minor discontinuous silt and sand lenses approximately 200 feet thick. The deposits are associated with the Lake Superior lobe of Late Wisconsinian glaciation. Local bedrock consists of Mesoproterozoic rocks of the Keewanawan Supergroup, consisting of the Hinkley and Fond du Lac formations. The bedrock is sandstone and feldspathic sandstone (ET,1999).

Hydrogeology consists of localized water bearing silt and sand lenses occasionally utilized as an aquifer for industrial purposes. Bedrock aquifers include the Hinkley and Fond du Lac formations, which are utilized as a water supply source (EA, 2021).

3.1.2 Site Hydrogeology/Drainage

According to the 2019 Drainage Patterns Report prepared by (Sigma, 2019c), storm surface runoff in the General Mills Slip area is generally in a south to north direction.

According to the 1991 SIR (ET,1999a) prepared by ET site geology at the MERC Facility, on the western portion of the General Mills slip concluded that depth to groundwater was approximately 3-5 feet below ground surface, a hydraulic conductivity of $7x10^{-3}$ cm/sec (20 feet/day), a local groundwater flow to the northeast towards the St. Louis Bay of Lake Superior and an average linear flow velocity estimated at 122 feet/year.

3.1.3 Site Geology

Upland material was excavated and removed as part of construction of the General Mills Dock. Therefore, sediments residing at the sediment-water interface in the southern limits of the slip would be expected to be Holocene sediments that accumulated over the past 140 years, while the deeper strata would be more indicative of upland soils and geology (EA, 2021).

Sub-bottom profiling data collected in the 2021 SIR displayed evidence of multiple distinct sediment strata within the upper sediment column. In general, fine-grained, lower density sediments (silts) ranging in thickness from 1 to 4 ft were found over intervals of mixed or chaotic layers of material. These mixed strata were 2 to 6-ft thick and commonly comprised of intervals of sand or sand mixed with silts and clays. The parent sediment was determined to be a homogenous, fine sand that resided below the localized disturbances caused by construction activity or repeated dredging.

3.1.4 Sediment Bathymetry

During the 2021 SIR conducted for the USEPA and WDNR, a bathymetric survey was conducted by American Surveying & Engineering, P.C. (ASE). When corrected and referenced to the Low Water Datum (LWD) for Lake Superior, water depths within the confines of the slip ranged from 2 ft to 38 ft. An overall average water depth of 24 ft existed in most of the slip, while the water in the South Channel (north of the docks) was considerably deeper. Water depths within the General Mills Slip were shallower at the headwaters (ranging from 3 to 18 ft), then gradually increased. Two similarly shaped bottom depressions were detected along the centerline of the slip at approximately 85-ft long in the north-south axis and several ft deeper than the surrounding bottom (EA, 2021).

3.2 Potential Sources of Contamination

3.2.1 Potential Historical Sources of Contamination

Given the history of filling activities, large-scale open-air coal storage, petroleum bunkering and storage, and confirmed soil and groundwater contamination at the General Mills Dock and the MERC Dock, contamination may have impacted sediments in the St. Louis River via surface runoff, subsurface contaminant migration, wind dispersal or filling activities.

According to the data collected in the 2016 and 2021 SIR, the main contaminants of concern in the slip are PAHs, metals, dioxins and pesticides.

3.1.1.1 **The General Mills Dock**

According to the 2019 Historic Records Screening Report (Sigma, 2019b), the General Mills Dock contains a closed UST with continuing obligations and an open and closed Environmental Repair Program (ERP) which might have led to historical potential impact to the sediments in the St. Louis River. The Leaking Underground Storage Tank (LUST) site (BRRTS #03-16-559534) has been closed.

After a 1,000-gallon oil UST was removed, contaminated soils were discovered on site. Some of the soil was over excavated, however due to a sewer septic system, some soils containing petroleum related compounds exceeding the applicable NR 720 RCLs were left in place.

The General Mills site is an open ERP site (BRRTS #02-16-272248) with petroleum impacts in the southwest section of the property. The property is also a closed ERP site (BRRTS #02-16-558264) with continuing obligations. The site is impacted with arsenic in the historical layer of soil that has been placed at the property.

Other potential environmental impacts that could potentially attribute to contamination in the St. Louis River from the General Mills Dock could have been from open-air coal storage, oil bunkering facilities and potential undocumented petroleum pipeline leaks that ran from the historical petroleum product storage terminal to the west of the site.

3.1.1.2 The Midwest Energy Resources Dock

According to the 2019 Winter Street North Report (2019a) the Midwest Energy Resources Dock has two closed LUSTs (BRRTS #03-16-205568 and BRRTS #03-16-205569) and a closed ERP site (BRRTS #02-16-201976). The dock is also a registered Above Ground Storage Site (AST) site with one 500-gallon fuel oil AST, two 1,000-gallon gasoline ASTs, one 6,000-gallon waste oil AST and one 1,512,000-gallon diesel AST historically located at the site.

The two closed UST sites were opened in 1998 following the removal of a 5,000-gallon diesel UST and a 12,000-gallon diesel UST, both located on the northern end of the site. Both cases were closed in 2000 without continuing obligations.

The MERC site is also a closed ERP site. Contamination from a former AST system in the southwestern section of the site was remediated to satisfaction of regulatory standards and the case was closed in 2003 without continuing obligations.

Historical use of the three non-existing docks that make up the Midwest Energy Resources dock could have potential environmental impacts that potentially attribute to contamination in the St. Louis River. It was noted in the 2019 Historic Records Screening Report (Sigma, 2019b) that all three docks compromising the Midwest Energy Dock held large amounts of coal in open-air storage piles. Coal could have been transported via air into the St. Louis River. The Great Lakes Dock was used to fuel coal-burning lake ships which could have the potential to lead to undocumented spills. It is also noted the Lehigh dock had at least two major fires, which could have potential to spread contamination. In the late 1950s, Murphy Oil and Shell Oil constructed pipelines on the western side of Carnegie Dock, which was used to transfer gasoline onto tanker ships.

3.1.2 Potential Current and Future Sources of Contamination

The dock at the General Mills Slip is currently used for loading grain into ships for transport. The Midwest Energy Resources site is currently a distribution center and developed with coal handling facilities capable of storing up to 5 million tons of coal in an open-air pile.

- **Maintenance Workers -** Direct contact scenarios with shallow near-shore sediments could potentially occur during maintenance activities from bordering industrial sites , though this is assumed to be infrequent. There is potential for limited exposure to dock or ship workers from chains, ropes, anchors, or other equipment that comes into contact with sediment. Potential exposures may also occur during future dredging maintenance activities via dermal contact or incidental ingestion of sediments. Although inhalation is not considered complete while sediments remain in situ, inhalation could potentially be complete associated with dredging activities when sediments are removed and are no longer covered by water. It is assumed that any dredging that may occur would be conducted under appropriate health and safety plans that prevent or minimize potential exposure.
- **Anglers -** Anglers may consume fish caught in the slip that have accumulated sediment-associated contaminants.
- **Recreational Use –** Recreational boat traffic is unrestricted in this area and access could potentially occur on an infrequent basis. There is the potential for limited exposure to anchor lines, anchors, and fishing tackle that comes into contact with the sediment.

Potential ecological receptors and exposure pathways include the following:

- **Aquatic macroinvertebrates** – Exposures may occur via direct contact with or ingestion of sediment;
- **Fish** – Exposures may occur via direct contact with or ingestion of sediment or ingestion of prey that contain contaminants in tissues via bioaccumulative processes;
- **Birds and mammals** – Exposures may occur via ingestion of forage or prey that contain contaminants in tissues via bioaccumulative processes. Given the heavy industrial nature of the surrounding area, it is unlikely that aquatic-associated mammals would forage within the slip. Although dermal exposure represents a potential exposure pathway for birds (or mammals), this is minor relative to ingestion exposure pathways and is considered insignificant.

4.0 Data Gaps

Existing site data was reviewed to identify data gaps to inform the supplemental investigation activities to be completed in advance of the development of remedial alternatives for the site. After review of the site data collected to date, the following analytical data gaps in sediment have been identified:

- PAHs that have been detected above their respective TEC values include 2-Methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo (a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, benzo (ghi) perylene, benzo (k) fluoranthene, benzo(e)pyrene, chrysene, dibenz (a,h) anthracene, dibenzofuran, fluoranthene, fluorene, indeno (1,2,3-cd) pyrene, naphthalene, phenanthrene, pyrene. TEC exceedances were observed at all sample locations. PAHs are not laterally delineated to the west and to the north of the General Mills Slip characterization area (**Figure 2**). PAHs are not vertically delineated to concentrations below the TEC at the following core locations:

ND20-GM01 at 4 feet	ND20-GM02 at 10 feet	ND20-GM03 at 10 feet
ND20-GM06 at 6 feet	ND20-GM10 at 6 feet	ND20-GM11 at 6 feet
ND20-GM12 at 6 feet	ND20-GM013 at 0.3 feet	SW15-SLB04 at 2 feet

SW15-SLB05 at 6 feet	SW15-SLB06 at 6 feet	SW15-SLB07 at 0.3 feet

- Metals that have been detected above their respective TEC values include antimony, cadmium, copper, lead, iron, manganese, mercury, nickel, zinc. TEC exceedances were observed at all sample locations, except for ND20-GM13, which was sampled to 0.3 ft. Metals are not laterally delineated to the north or west. Metals are not vertically delineated to concentrations below the TEC at the following core locations:

ND20-GM01 at 4 feet	ND20-GM03 at 10 feet	ND20-GM006 at 10 feet
ND20-GM010 at 6 feet	ND20-GM012 at 6 feet	ND20-GM014 at 6 feet
SW15-SLB04 at 2 feet	SW15-SLB06 at 6 feet	SW15-SLB06 at 0.5 feet

- A limited number of samples were analyzed for PCBs. Locations ND20-GM03, ND20-GM06 through ND20-GM11, ND20-GM13, and ND20-GM14 were not analyzed for PCB concentrations. Total PCBs exceeded the WDNR SQGs at ND20-GM04 and SW15-SLB05 at 2 to 4-feet below the surface water interface. Due to a shallow sample depth at above 2 feet at most sample locations PCB has not been vertically or horizontally delineated.
- VOCs have not been horizontally or vertically delineated, as a limited number of samples were analyzed for VOCs. Sample locations ND20-GM02, ND20-GM04, and ND20-GM09, collected in the upper 0.3 feet of sediment, were the only sample locations in the slip analyzed for VOCs. No VOCs were detected above the TEC in the three samples collected. 2-Butanone and Acetone were detected but have no respective TEC limit associated with the analyte.
- Dioxins have not been vertically or horizontally delineated due to a limited number of samples analyzed. Locations ND20-GM02, ND20-GM04 and ND20-GM08, the only locations analyzed for dioxins, exhibit detections in the upper 0.3 feet.
- Pesticides have not been vertically or horizontally delineated due to a limited number of samples collected in the slip. Pesticides were analyzed at depths of 0 to 2 feet at locations SW15-SLB05 and SW15-SLB06 and 0 to 0.5 feet at SW15-SLB07. All concentrations were below the TEC, however, show a general increasing trend in detections with depth.
- Organotin tributyltin hydride was detected above the respective TEC at sample locations SW15-SLB05, ND20-GM07, ND20-GM09, ND20-GM11, and ND20-GM13. All other samples did not have detections of tributyltin but did have elevated reporting limits above the TEC SQG. Sample locations SW15-SLB04, SW15-SLB06, SW15-SLB07, ND20-GM03, ND20-GM06, and ND20-GM07 were not sampled. Organotin detections are laterally delineated in the north and southeastern portion of the slip but not to the east or west due to limited sample locations analyzed. Tributyltin detections are not vertically delineated to concentrations below the TEC at the following core locations:

ND20-GM09 at 10 feet	ND20-GM11 at 6 feet	ND20-GM13 at 0.3
SW15-SLB05 at 2 feet		

In addition to the sediment analytical data gaps, limited geotechnical data is available to support the development of remedial alternatives and design for remediation construction. Select data gaps are being addressed during the field sampling event in July 2022 at the General Mills Slip and will be assessed further after the data is evaluated.

5.0 References

(EA, 2016). Site Characterization Report, *Assessment of Contaminated Sediment, Superior Waterfront Characterization, St. Louis River and Bay Area of Concern, Superior, Wisconsin.*

(EA, 2021). Site Investigation Report, Characterization of Sediments in the North End District and Clough Island, St. Louis River and Bay Area of Concern, Superior, Wisconsin. June 2021.

(ET, 1999a). *Site Investigation Report, Midwest Energy Backup Generator Site, Superior, Wisconsin*. October 1999.

(ET, 1999b). *Site Investigation Report, Midwest Energy UST Fueling Site, Superior, Wisconsin*. December 1999.

(SIGMA, 2019a). Shoreline Changes Report, Task Areas: Winter Street, Tower Avenue, Gas Plant, Superior, Wisconsin. November 2019.

(SIGMA, 2019b). Historic Records Screening Report, Winter Street North Task Area, Superior, Wisconsin. November 2019.

(SIGMA, 2019c). Drainage Patterns Report, Task Area: Winter Street, Tower Avenue, Gas Plant, Superior, Wisconsin. November 2019.

(WDNR, 2022). *Professional Services Request for Proposals (RFP) and Scope of Work (SOW) for Feasibility Studies & Preliminary Designs for Contaminated Sediment Remediation in the Superior Slips*. April 5, 2022

Tables

Table 1
Sample Locations and Depths
General Mills Slip - Superior, WI

Location ID	Sampling Year	Analytes	Sample Depth Intervals (ftbss)	Sediment Surface Elevation (ft)	Collecting Consultant	Client	Notes
SW15-SLB04	2015	34PAHs, TAL Metals + Mercury, PCBs-Aroclors, TOC, SEM/AVS, Grain Size, % Moisture	0-0.5 (surf) 0.5-2.0 2.0-4.0	598.4	EA	US EPA	Location could not be accessed by the sampling vessel due to sheet pilings. Samples collected by WDNR using a WDNR vessel.
SW15-SLB05	2015	34PAHs, TAL Metals + Mercury, PCBs-Aroclors, TOC, SEM/AVS, Grain Size, % Moisture, Toxicity Testing	0-0.5 (surf) 0.5-2.0 2.0-4.0 4.0-6.0	577.4	EA	US EPA	Location moved to 15 go 20 ft east of target because of sheet pilings in the target area. Surface sediment brown with black mottling, silty clay with trace sand . Organic material in surface sediment and slight organic odor detected.
SW15-SLB06	2015	34PAHs, TAL Metals + Mercury, PCBs-Aroclors, TOC, SEM/AVS, Grain Size, % Moisture	0-0.5 (surf) 0.5-2.0 2.0-4.0 4.0-6.0	583.1	EA	US EPA	Surface sediment brown silty clay with faint organic color.
SW15-SLB07	2015	34PAHs, TAL Metals + Mercury, PCBs-Aroclors, TOC, SEM/AVS, Grain Size, % Moisture	0-0.5 (surf)	570.0	EA	US EPA	One coring attempt made, but no core collected; location is scoured. Collected five ponar grabs to obtain adequate volume for surface sample analysis. Surface sediment brown sandy silt with pea-size gravel and woody debris.
ND20-GM01	2020	TAL Metals + Mercury, TCL SVOCs, PCBs-Aroclors, Organotin, TOC, Grain Size, % Moisture, Microscopic Analysis of Coal Particles	0-0.3 (surf) 0.3-2.0 2.0-4.0	588.76	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM02	2020	TAL Metals + Mercury, TCL VOCs, TCL SVOCs, PCBs-Aroclors, Organotin, Dioxins/Furans, TOC, Grain Size, % Moisture, Microscopic Analysis of Coal Particles, Toxicity Testing	0-0.3 (surf) surftox 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	585.18	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM03	2020	TAL Metals + Mercury, TCL SVOCs, TOC, Grain Size, % Moisture	0-0.3 (surf) surftox 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	585.95	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM04	2020	TAL Metals + Mercury, TCL VOCs, TCL SVOCs, PCBs-Aroclors, Organotin, Dioxins/Furans, TOC, Grain Size, % Moisture, Microscopic Analysis of Coal Particles, Toxicity Testing	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	583.66	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM05	2020	TAL Metals + Mercury, TCL SVOCs, PCBs-Aroclors, Organotin, TOC, Grain Size, % Moisture, Microscopic Analysis of Coal Particles	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0	577.11	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.

Table 1
Sample Locations and Depths
General Mills Slip - Superior, WI

Location ID	Sampling Year	Analytes	Sample Depth Intervals (ftbss)	Sediment Surface Elevation (ft)	Collecting Consultant	Client	Notes
ND20-GM06	2020	TAL Metals + Mercury, TCL SVOCs, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	584.51	EA	WDNR	Medium brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM07	2020	TAL Metals + Mercury, TCL SVOCs, Organotin, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	574.45	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM08	2020	TAL Metals + Mercury, TCL VOCs, TCL SVOCs, PCBs-Aroclors, Organotin, Dioxins/Furans, TOC, Grain Size, % Moisture, Microscopic Analysis of Coal Particles, Toxicity Testing	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	578.29	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM09	2020	TAL Metals + Mercury, TCL SVOCs, Organotin, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0 6.0-8.0 8.0-10.0	574.29	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM10	2020	TAL Metals + Mercury, TCL SVOCs, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0	578.53	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. No odor or sheen.
ND20-GM11	2020	TAL Metals + Mercury, TCL SVOCs, Organotin, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0	569.54	EA	WDNR	Light brown silty-clays with low/medium cohesion. No odor or sheen.
ND20-GM12	2020	TAL Metals + Mercury, TCL SVOCs, PCBs-Aroclors, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0	576.33	EA	WDNR	Light brown silts over medium brown silty-clay with medium cohesion. A few chunks of coal. No odor or sheen.
ND20-GM13	2020	TAL Metals + Mercury, TCL SVOCs, Organotin, TOC, Grain Size, % Moisture	0-0.3 (surf)	571.39	EA	WDNR	Light brown silts over medium brown clays with trace fine sands. Small pockets of black sands in clay layer. No odor or sheen.

Table 1
Sample Locations and Depths
General Mills Slip - Superior, WI

Location ID	Sampling Year	Analytes	Sample Depth Intervals (ftbss)	Sediment Surface Elevation (ft)	Collecting Consultant	Client	Notes
ND20-GM14	2020	TAL Metals + Mercury, TCL SVOCs, Organotin, TOC, Grain Size, % Moisture	0-0.3 (surf) 0.3-2.0 2.0-4.0 4.0-6.0	580.33	EA	WDNR	Loose brown silts over medium brown fine sands, loosely packed. No odor, no sheen.

Notes:
% = Percent.
+ = plus.
EA = EA Engineering, Science, and Technology, Inc. PBC
ft = feet.
ftbss = feet below sediment surface
PAH = polycyclic aromatic hydrocarbon.
SEM/AVS = Simultaneously Extracted Metals/Acid Volatile Sulfides
SVOCs = semi-volatile organic compounds.
TAL = Target Analyte List.
TCL = Target Compound List.
TOC = total organic carbon.
US EPA = United States Environmental Protection Agency.
VOCs = volatile organic compounds.
WDNR = Wisconsin Department of Natural Resources.

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	< 34		< 150		< 370		< 590		< 1100		< 82		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	27	J	100	J	< 370		180	J	170	J	27	J	69	J
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	19	J	140	J	130	J	370	J	430	J	68	J	140	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	< 34		14	J	120	J	< 590		< 1100		< 82		23	J
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	48		310		820		990		2000		110		190	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	150		570		1800		1700		4100		260		370	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	120		470		1300		1300		2400		170		310	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	160		410		1300		1800		2100		220		420	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	67		240		550		720		1200		87		130	J
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	120		390		1200		730		2500		180		330	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	110		300		800		860		1600		140		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	74	J	190	J	520	J	730	J	1700	J	100	J	-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	390	J	920	J	3100	J	3100	J	7100	J	490	J	-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	< 34		< 150		< 370		< 590		< 1100		< 82		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	< 34		< 150		< 370		< 590		< 1100		< 82		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	180	J	550	J	1400	J	1900	J	5500	J	240	J	-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	110	J	190	J	540	J	< 590		1500	J	120	J	-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	240	J	400	J	1100	J	1300	J	2600	J	210	J	-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	70	J	< 150		< 370		< 590		< 1100		< 82		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	110	J	330	J	< 370		610	J	< 1100		110	J	-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	160	J	340	J	850	J	1100	J	2600	J	220	J	-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	64	J	< 150		< 370		< 590		< 1100		< 82		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	160	J	270	J	430	J	< 590		1600	J	130	J	-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	84	J	< 150		< 370		< 590		< 1100		< 82		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	180	J	330	J	460	J	660	J	1200	J	170	J	-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	660	J	300	J	710	J	1300	J	2200	J	280	J	-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	56	J	170	J	< 370		< 590		< 1100		86	J	-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	180	J	150	J	< 370		< 590		< 1100		99	J	-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	110	J	230	J	1100	J	1100	J	1300	J	210	J	-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	150		560		1500		2000		3500		260		530	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	31	J	120	J	190	J	200	J	380	J	35	J	49	J
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	440		1300		3900		4600		8100		870		1400	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	40		150		210	J	560	J	630	J	72	J	240	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	78		240		620		630		1200		82		140	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	43		100	J	68	J	260	J	230	J	35	J	90	J
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	160		190		470		< 590		< 1100		< 82		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	230		1300		1600		4400		5200		560		510	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	240		1100		2100		5000		5700		560		900	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	-		-		-		-		-		-		-	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	-		-		-		-		-		-		-	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Nitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Acetophenone	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Anthracene	SW8270D	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Atrazine	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzaldehyde	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Biphenyl	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Caprolactam	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbazole	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SW8270D	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	-		-		-		-		-		-		-	
Dibenzofuran	SW8270D	150	365	580	µg/kg	-		-		-		-		-		-		-	
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	-		-		-		-		-		-		-	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	-		-		-		-		-		-		-	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	-		-		-		-		-		-		-	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SW8270D	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Isophorone	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SW8270D	176	369	561	µg/kg	-		-		-		-		-		-		-	
Nitrobenzene	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SW8270D	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Phenol	SW8270D	4200	8100	12000	µg/kg	-		-		-		-		-		-		-	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		-		-		-	
Pyrene	SW8270D	195	858	1520	µg/kg	-		-		-		-		-		-		-	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	SW6010	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	SW6010	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010	0.99	3	5	mg/kg	< 2.4		-		< 2.6		0.56	J	-		-		< 3.3	
Calcium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	SW6010	43	76.5	110	mg/kg	-		-		-		-		-		-		-	
Cobalt	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010	32	91	150	mg/kg	6.8	J	-		5.5	JF1	5.6	J	-		-		7.1	J
Iron	SW6010	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010	36	83	130	mg/kg	**9.4**		-		**6.8**		**29.2**		-		-		**18.8**	
Magnesium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	SW6010	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010	23	36	49	mg/kg	8.5	J	-		3.4	J	5.3	J	-		-		6.4	J
Potassium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	SW6010	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	SW6010	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010	120	290	460	mg/kg	**51.6**		-		**33.9**		**93.2**		-		-		**78.8**	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	< 0.0099		-		< 0.011		< 0.0088		-		-		< 0.014	
Aluminium	ISM02	--	--	--	mg/kg	**9680**		**11800**		**11300**		**9530**		**7510**		**3270**		**16700**	
Antimony	ISM02	2	13.5	25	mg/kg	< 9.3	U*	< 7.4	U*	0.51	J	< 7.6	U*	0.52	J	< 5.7		< 13.7	
Arsenic	ISM02	9.8	21.4	33	mg/kg	**4.7**		**4**		**4.5**		**4.2**		**4.4**		**1.9**		**5.4**	
Barium	ISM02	--	--	--	mg/kg	**141**		**85.7**		**115**		**96.5**		**65.9**		**26.4**		**218**	
Beryllium	ISM02	--	--	--	mg/kg	0.47	J	0.66		0.52	J	0.43	J	0.4	J	0.17	J	0.74	J
Cadmium	ISM02	0.99	3	5	mg/kg	< 0.77	J	< 0.62	J	0.52	J	0.53	J	0.73	J	0.28	J	0.71	J
Calcium	ISM02	--	--	--	mg/kg	**12100**		**15900**		**14800**		**11500**	*	**14400**		**24100**		**14400**	
Chromium	ISM02	43	76.5	110	mg/kg	**22.8**	*	24	*	**25.9**		**22.9**		**19.5**		**7**		**37.4**	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	7.4	J	**8.4**		9.3	J	**7.5**		6.6	J	3.3	J	12	
Copper	ISM02	32	91	150	mg/kg	**15.7**		**21.6**		**28.3**		**32.6**		**42.9**		**7.7**		**43.7**	
Iron	ISM02	20000	30000	40000	mg/kg	**20700**	*	**21700**	*	**22300**		**19600**		**16100**		**7300**		**32500**	
Lead	ISM02	36	83	130	mg/kg	**10.8**		**23**		**28.9**		**52.2**		**50.9**		**4**		**27.2**	
Magnesium	ISM02	--	--	--	mg/kg	**8720**		**9420**		**10200**		**7980**	*	**8370**		**9270**		**12000**	
Manganese	ISM02	460	780	1100	mg/kg	**595**	*	364	*	**575**		**326**	*	**255**		**218**		**629**	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	0.065	J*	0.053	J*	0.16	J	0.13	J	**0.2**		< 0.12		0.095	J
Nickel	ISM02	23	36	49	mg/kg	**15.9**		**18.1**		**21.9**		**17.3**		**16.7**		**8.5**		**29.4**	
Potassium	ISM02	--	--	--	mg/kg	**1290**		**1710**		**1330**		**1110**		**906**		412	J	**2100**	
Selenium	ISM02	--	--	--	mg/kg	1.2	J	0.94	J	< 7		0.79	J	< 5.3		< 3.3		1.3	J
Silver	ISM02	1.6	1.9	2.2	mg/kg	< 1.5		< 1.2		**< 2**		< 1.3		0.14	J	< 0.96		**< 2.3**	
Sodiium	ISM02	--	--	--	mg/kg	323	J	349	J	288	J	283	J	214	J	154	J	372	J
Thallium	ISM02	--	--	--	mg/kg	< 3.9	U*	< 3.1	U*	< 5		< 3.2		< 3.8		< 2.4		< 5.7	
Vanadium	ISM02	--	--	--	mg/kg	**34.4**	*	**34.9**	*	**34.7**		**34.4**		**27.5**		**16**		**47**	
Zinc	ISM02	120	290	460	mg/kg	**65.7**		**76.4**		**104**		**119**		**175**		**26.5**		**136**	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	< 0.98		-		**10.4**		**4.6**		-		-		**4.9**	
Acid volatile sulfides	AVS	--	--	--	mg/kg	< 31.5		-		**334**		**148**		-		-		**156**	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	< 0.021		-		< 0.023		0.005	J	-		-		< 0.03	
Copper	SW6010_SEM	32	91	150	mg/kg	0.11	J	-		0.087	JF1	0.089	J	-		-		0.11	J
Lead	SW6010_SEM	36	83	130	mg/kg	**0.045**		-		**0.033**		**0.14**		-		-		**0.091**	
Nickel	SW6010_SEM	23	36	49	mg/kg	0.14	J	-		0.057	J	0.091	J	-		-		0.11	J
Zinc	SW6010_SEM	120	290	460	mg/kg	**0.79**		-		**0.52**		**1.4**		-		-		**1.2**	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	< 0.0000490		-		< 0.0000550		< 0.0000440		-		-		< 0.0000690	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	< 69		12	JP	< 74		36	JP	**140**	P	-		< 56	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	< 69		7.7	J	13	J	14	J	**58**		-		17	J
Aroclor 1262	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	< 69		< 48		< 74		< 62		< 56		-		< 56	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	0		19.7		13		50		**198**		-		17	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		**9.9**		**27**		-		-		**110**	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		3.5	J	1.4	JP	-		-		5.5	JP
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		**11**		1.8	J	-		-		5.7	J
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		**< 4**		**< 3.1**		-		-		**< 4.9**	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		**< 4**		**< 3.1**		-		-		**< 4.9**	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		**< 7.7**		0.92	J	-		-		**< 9.4**	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		< 7.7		< 6.1		-		-		< 9.4	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		< 7.7		< 6.1		-		-		< 9.4	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		**< 7.7**		**< 6.1**		-		-		**< 9.4**	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		< 7.7		< 6.1		-		-		< 9.4	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		< 7.7		< 6.1		-		-		< 9.4	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		**< 4**		**< 3.1**		-		-		**< 4.9**	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		< 4		< 3.1		-		-		< 4.9	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		**< 4**		0.78	J	-		-		**< 4.9**	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		< 40		< 31		-		-		< 49	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		**24.4**		**30.2**		-		-		**121.2**	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		**< 400**		**< 310**		-		-		**< 490**	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB04		SW15-SLB04		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB05		SW15-SLB06	
					Sample ID	SW15-SLB04-SURF_7/14/2015 2:00:00 PM		SW15-SLB04-0520_7/13/2015 3:45:00 PM		SW15-SLB05-SURF_7/8/2015 4:25:00 PM		SW15-SLB05-0520_7/9/2015 9:48:00 AM		SW15-SLB05-2040_7/9/2015 9:47:00 AM		SW15-SLB05-4060_7/9/2015 9:49:00 AM		SW15-SLB06-SURF_7/8/2015 3:38:00 PM	
					Date	2015-Jul-14		2015-Jul-13		2015-Jul-08		2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08	
					Sample Depth (ftbss)	0 - 0.5		0.5 - 2		0 - 0.5		0.5 - 2		2 - 4		4 - 6		0 - 0.5	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		< 2.9		< 2.4		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		< 47		< 38		-		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	-		-		< 3.8		< 3.1		-		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	-		-		14		23		-		-		-	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	49400	B	27000	B	44200	B	36500	B	44500	B	5830	B	100000	B
Total Organic Carbon	SW9060	--	--	--	mg/kg	-		-		-		-		-		-		-	
Moisture	SM2540	--	--	--	%	-		-		-		-		-		-		-	
Moisture	D2216	--	--	--	%	94.4		43.7		120		80		76		28		190	
Solids, Total	E160.3	--	--	--	%	48.6		68.7		43.4		54.4		57.8		78.7		34.8	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	120	J	490	J	**1400**		64	J	-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	200	J	**820**		**4800**		**260**		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	27	J	63	J	120	J	< 110		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	**350**		**1400**		**1700**		**290**		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	**730**		**2700**		**2300**		**380**		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	**600**		**2000**		**2000**		**310**		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	**650**		**2000**		**1700**		**330**		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	**250**		**1000**		**710**		120		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	**640**		**2200**		**1900**		**350**		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	**940**		**2900**		**2600**		**470**		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	98	J	400	J	280	J	54	J	-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	**2300**		**7800**		**6600**		**1400**		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	**350**		**1000**		**3200**		**400**		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	**270**		**1100**		**750**		150		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	150	J	**600**		**2100**		**180**		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	**1300**		**6400**		**8800**		**1400**		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	**1500**		**5600**		**5000**		**920**		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	-		-		-		-		**< 1100**		**< 1200**		**< 1300**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 11000		< 12000		< 13000	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	-		-		-		-		110	J	650		850	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
4-Methylphenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		130	J	180	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	-		-		-		-		300		1200		990	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	-		-		-		-		86	J	350		250	J
Acetophenone	SW8270D	--	--	--	µg/kg	-		-		-		-		< 2100		< 2400		< 2500	
Anthracene	SW8270D	57.2	451	845	µg/kg	-		-		-		-		360		2600		1900	
Atrazine	SW8270D	--	--	--	µg/kg	-		-		-		-		< 2100		< 2400		< 2500	
Benzaldehyde	SW8270D	--	--	--	µg/kg	-		-		-		-		< 2100		< 2400		< 2500	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	-		-		-		-		650		3800		2600	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	-		-		-		-		490		3200		2300	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	-		-		-		-		790		3600		2600	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	-		-		-		-		360		2100		1600	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	-		-		-		-		270		1300		810	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	-		-		-		-		390	J	1900		1500	
Biphenyl	SW8270D	--	--	--	µg/kg	-		-		-		-		39	J	210	J	170	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	-		-		-		-		120	J	< 12000		< 13000	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Caprolactam	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
Carbazole	SW8270D	--	--	--	µg/kg	-		-		-		-		93	J	860		440	
Chrysene	SW8270D	166	728	1290	µg/kg	-		-		-		-		920		4100		2800	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	-		-		-		-		97	J	470		400	
Dibenzofuran	SW8270D	150	365	580	µg/kg	-		-		-		-		250	J	860	J	690	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	-		-		-		-		2400		9500		6800	
Fluorene	SW8270D	77.4	307	536	µg/kg	-		-		-		-		420		1400		1200	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	-		-		-		-		**290**		**1700**		**1200**	
Isophorone	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Naphthalene	SW8270D	176	369	561	µg/kg	-		-		-		-		150	J	**1100**		**1300**	
Nitrobenzene	SW8270D	--	--	--	µg/kg	-		-		-		-		< 2100		< 2400		< 2500	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	-		-		-		-		< 210		< 240		< 250	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	-		-		-		-		**< 5400**		**< 6000**		**< 6500**	
Phenanthrene	SW8270D	204	687	1170	µg/kg	-		-		-		-		**680**		**8200**		**6900**	
Phenol	SW8270D	4200	8100	12000	µg/kg	-		-		-		-		< 1100		< 1200		< 1300	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	-		-		-		-		< 5400		< 6000		< 6500	
Pyrene	SW8270D	195	858	1520	µg/kg	-		-		-		-		**1900**		**7000**		**5300**	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	-		-		-		-		**15800**		**12500**		**9310**	
Antimony	SW6010	2	13.5	25	mg/kg	-		-		-		-		**< 13**	U *	**< 10.2**	U *	1	J *
Arsenic	SW6010	9.8	21.4	33	mg/kg	-		-		-		-		**6**		**5.9**		**6.5**	
Barium	SW6010	--	--	--	mg/kg	-		-		-		-		**217**	*	**142**		**89.1**	
Beryllium	SW6010	--	--	--	mg/kg	-		-		-		-		0.61	J	0.61	J	0.55	J
Cadmium	SW6010	0.99	3	5	mg/kg	-		-		-		**< 2**		0.62	J	0.74	J	**1**	
Calcium	SW6010	--	--	--	mg/kg	-		-		-		-		**10500**	*	**11100**		**14200**	
Chromium	SW6010	43	76.5	110	mg/kg	-		-		-		-		**35.3**	*	**33.4**		**22**	
Cobalt	SW6010	--	--	--	mg/kg	-		-		-		-		**11.2**		**9.4**		7.2	J
Copper	SW6010	32	91	150	mg/kg	-		-		-		5	J	**48.5**		**62.9**		**106**	
Iron	SW6010	20000	30000	40000	mg/kg	-		-		-		-		**30600**		**25100**		**20000**	
Lead	SW6010	36	83	130	mg/kg	-		-		-		**8.2**		**32.6**		**64.3**		**90.7**	
Magnesium	SW6010	--	--	--	mg/kg	-		-		-		-		**9720**	*	**8430**		**7750**	
Manganese	SW6010	460	780	1100	mg/kg	-		-		-		-		**516**		**363**	*	**273**	*
Mercury	SW6010	0.18	0.64	1.1	mg/kg	-		-		-		-		0.13	J	**< 0.22**	J	**0.41**	
Nickel	SW6010	23	36	49	mg/kg	-		-		-		3.8	J	**28.6**	*	**24**		**18.8**	
Potassium	SW6010	--	--	--	mg/kg	-		-		-		-		**2030**		**1670**		**1210**	
Selenium	SW6010	--	--	--	mg/kg	-		-		-		-		1.7	J	1.2	J	< 5.7	
Silver	SW6010	1.6	1.9	2.2	mg/kg	-		-		-		-		**< 2.2**		0.16	J	< 1.6	
Sodiium	SW6010	--	--	--	mg/kg	-		-		-		-		324	J	313	J	288	J
Thallium	SW6010	--	--	--	mg/kg	-		-		-		-		< 5.4	U *	< 4.2	U *	< 4.1	U *
Vanadium	SW6010	--	--	--	mg/kg	-		-		-		-		**41.9**		**38.5**		**35.4**	
Zinc	SW6010	120	290	460	mg/kg	-		-		-		**32.8**		**139**	*	**174**		**243**	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		< 0.0083		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	**13600**		**10900**		**9100**		**8500**		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	0.49	J	0.75	J	2.2	J	**< 7.1**		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	**5.7**		**5**		**6**		**3.4**		-		-		-	
Barium	ISM02	--	--	--	mg/kg	**149**		**98.3**		**103**		**67.5**		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	0.64	J	0.56	J	0.55	J	0.38	J	-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	**1.1**		**1**		**1.4**		0.35	J	-		-		-	
Calcium	ISM02	--	--	--	mg/kg	**17700**		**15800**		**13500**		**11600**		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	**33.3**		**26.4**		**23.7**		**19.7**		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
						Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
						Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
						Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
							N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg		11		8.9		8.1		**7.2**		-		-		-	
Copper	ISM02	32	91	150	mg/kg		**59.7**		**58**		**85.8**		**17.9**		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg		**24800**		**21800**		**22400**		**17500**		-		-		-	
Lead	ISM02	36	83	130	mg/kg		**51.1**		**72.5**		**115**		**14.2**		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg		**12100**		**10400**		**8810**		**6950**		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg		**463**		**337**		**290**		**571**		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg		**< 0.21**		**0.34**		**0.45**		< 0.16		-		-		-	
Nickel	ISM02	23	36	49	mg/kg		**27.1**		**21.7**		**19.9**		**17.1**		-		-		-	
Potassium	ISM02	--	--	--	mg/kg		**1580**		**1270**		**1100**		**904**		-		-		-	
Selenium	ISM02	--	--	--	mg/kg		< 6.6		1	J	1.1	J	< 4.1		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg		0.27	J	0.29	J	0.26	J	< 1.2		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg		319	J	266	J	239	J	391	J	-		-		-	
Thallium	ISM02	--	--	--	mg/kg		< 4.7		< 3.5		< 4		< 2.9		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg		**38.1**		**34.4**		**31.2**		**29.2**		-		-		-	
Zinc	ISM02	120	290	460	mg/kg		**203**		**221**		**408**		**56.5**		-		-		-	
AVS/SEM																				
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg		-		-		-		< 0.82		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg		-		-		-		< 26.4		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg		-		-		-		< 0.018		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg		-		-		-		0.079	J	-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg		-		-		-		**0.039**		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg		-		-		-		0.064	J	-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg		-		-		-		**0.5**		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg		-		-		-		< 0.0000410		-		-		-	
Polychlorinated Biphenyls																				
Aroclor 1016	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1221	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1232	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1242	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1248	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1254	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1260	SW8081	--	--	--	µg/kg		-		-		-		-		32	J	< 78		< 65	
Aroclor 1262	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		40	J	20	J
Aroclor 1268	SW8081	--	--	--	µg/kg		-		-		-		-		< 100		< 78		< 65	
Aroclor 1016	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg		30	JP	40	J	-		6	J	-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg		< 71		< 57		-		< 57		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg		30		40		-		6		32		40		20	
Volatile Organic Compounds (VOCs)																				
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg		-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	**81**		-		-		1.1	J	-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	< 72		-		-		< 5.8		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	**190**		-		-		0.61	JP	-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	**< 37**		-		-		**< 3**		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	**< 37**		-		-		< 3		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	< 37		-		-		< 3		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	**< 37**		-		-		< 3		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	< 37		-		-		< 3		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	**< 37**		-		-		< 3		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	**< 72**		-		-		**< 5.8**		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	< 37		-		-		< 3		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	< 72		-		-		< 5.8		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	< 72		-		-		< 5.8		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	**< 72**		-		-		**< 5.8**		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	< 72		-		-		< 5.8		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	< 72		-		-		< 5.8		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	**< 37**		-		-		< 3		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	< 37		-		-		< 3		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	**< 37**		-		-		**< 3**		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	< 370		-		-		< 30		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	**271**		-		-		**1.71**		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	**< 3700**		-		-		**< 300**		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	-		-		-		-		< 4.3		< 3.1		< 2.5	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	SW15-SLB06		SW15-SLB06		SW15-SLB06		SW15-SLB07		ND20-GM01		ND20-GM01		ND20-GM01	
					Sample ID	SW15-SLB06-0520_7/9/2015 8:40:00 AM		SW15-SLB06-2040_7/9/2015 8:38:00 AM		SW15-SLB06-4060_7/9/2015 8:42:00 AM		SW15-SLB07-SURF_7/8/2015 2:40:00 PM		ND20-GM01-SURF_06/28/2020		ND20-GM01-0320_07/02/2020		ND20-GM01-2040_07/02/2020	
					Date	2015-Jul-09		2015-Jul-09		2015-Jul-09		2015-Jul-08		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.5 - 2		2 - 4		4 - 6		0 - 0.5		0 - 0.3		0.3 - 2		2 - 4	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		< 49		< 40	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	-		-		-		-		< 5.6		< 4		< 3.3	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	-		-		-		-		**< 5**		**< 3.6**		**< 2.9**	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	**64600**	B	**60000**	B	**68400**	B	**24500**		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	-		-		-		-		**96700**		**78100**		**39400**	
Moisture	SM2540	--	--	--	%	-		-		-		-		**220**		**140**		**90**	
Moisture	D2216	--	--	--	%	**120**		**79**		**90**		**74**		-		-		-	
Solids, Total	E160.3	--	--	--	%	**45.3**		**56.4**		**53.5**		**57.8**		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons															
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	**< 460**		**< 1100**		**< 440**		**< 1200**		**< 780**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 4600		< 11000		< 4400		< 12000		< 7800	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	78	J	420		350		840		900	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
4-Methylphenol	SW8270D	--	--	--	µg/kg	< 460		77	J	84	J	240	J	260	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	150		570		320		1200		920	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	44	J	200	J	69	J	240	J	200	
Acetophenone	SW8270D	--	--	--	µg/kg	< 940		< 2100		< 890		< 2400		< 1600	
Anthracene	SW8270D	57.2	451	845	µg/kg	180		1000		520		1700		1300	
Atrazine	SW8270D	--	--	--	µg/kg	< 940		< 2100		< 890		< 2400		< 1600	
Benzaldehyde	SW8270D	--	--	--	µg/kg	57	J	< 2100		< 890		< 2400		< 1600	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	360		1300		830		2300		2000	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	310		1000		600		1900		1700	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	490		1400		810		2200		1900	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	200		790		480		1300		1200	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	130		490		260		770		690	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	240	J	800	J	460		1300		1100	
Biphenyl	SW8270D	--	--	--	µg/kg	25	J	100	J	60	J	180	J	160	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 4600		< 11000		< 4400		< 12000		< 7800	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Caprolactam	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
Carbazole	SW8270D	--	--	--	µg/kg	52	J	180	J	110		360		260	
Chrysene	SW8270D	166	728	1290	µg/kg	480		1800		970		2500		2100	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	45	J	220		120		320		330	
Dibenzofuran	SW8270D	150	365	580	µg/kg	140	J	390	J	230	J	660	J	570	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	1100		4500		2000		6500		5000	
Fluorene	SW8270D	77.4	307	536	µg/kg	200		930		420		1500		1000	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	170		630		370		1100		960	
Isophorone	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Naphthalene	SW8270D	176	369	561	µg/kg	100		450		440		1300		1500	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 940		< 2100		< 880		< 2400		< 1600	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 94		< 210		< 89		< 240		< 160	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
Phenanthrene	SW8270D	204	687	1170	µg/kg	500		3500		1900		7300		5400	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 460		< 1100		< 440		< 1200		< 780	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2400		< 5400		< 2300		< 6200		< 4000	
Pyrene	SW8270D	195	858	1520	µg/kg	900		3000		2000		4800		3900	
Metals															
Aluminium	SW6010	--	--	--	mg/kg	18800		13000		11700		11200		9670	
Antimony	SW6010	2	13.5	25	mg/kg	< 14	U *	1.2	J *	0.72	J *	< 9	U *	0.82	J *
Arsenic	SW6010	9.8	21.4	33	mg/kg	6.2		7		4.9		5.1		6.5	
Barium	SW6010	--	--	--	mg/kg	209		158		93.5		92.2		102	
Beryllium	SW6010	--	--	--	mg/kg	0.81	J	0.67	J	0.55	J	0.55	J	0.55	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.61	J	0.99		0.85		0.89		1.1	
Calcium	SW6010	--	--	--	mg/kg	11900		12800		12900		13700		14300	
Chromium	SW6010	43	76.5	110	mg/kg	40.7		32.9		27.2		26.2		23.7	
Cobalt	SW6010	--	--	--	mg/kg	12.5		10.5		8.3		8.2		7.6	J
Copper	SW6010	32	91	150	mg/kg	46.4		64.5		53.2		51.5		68.8	
Iron	SW6010	20000	30000	40000	mg/kg	36000		30300		22400		22000		20500	
Lead	SW6010	36	83	130	mg/kg	29.8	*	78.8		61.2		64.2		345	
Magnesium	SW6010	--	--	--	mg/kg	10900		9400		8950		9110		8750	
Manganese	SW6010	460	780	1100	mg/kg	708		410	*	304	*	302	*	244	*
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.27		0.31		< 0.18	J	0.54		0.46	
Nickel	SW6010	23	36	49	mg/kg	32.2		26.4		22.3		21.7		19.9	
Potassium	SW6010	--	--	--	mg/kg	2550		1680		1530		1460		1270	
Selenium	SW6010	--	--	--	mg/kg	2	J	1.4	J	0.91	J	0.85	J	1.2	J
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 2.3		0.25	J	0.2	J	0.14	J	0.22	J
Sodiium	SW6010	--	--	--	mg/kg	383	J	331	J	300	J	300	J	297	J
Thallium	SW6010	--	--	--	mg/kg	< 6.4	U *	< 3.8	U *	< 3.1	U *	< 3.7	U *	< 4.1	U *
Vanadium	SW6010	--	--	--	mg/kg	51.3		41		38.4		37.7		32.4	
Zinc	SW6010	120	290	460	mg/kg	140		209		214		222		265	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-	
AVS/SEM															
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Polychlorinated Biphenyls															
Aroclor 1016	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	33	J	-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	< 95		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	33		-		-		-		-	
Volatile Organic Compounds (VOCs)															
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	< 15		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	< 15		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	< 15		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	7.7	J	-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	**370**		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	< 15		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	< 77		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	< 15		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	**< 31**		-		-		-		-	
Dioxins															
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	**4900**	B	-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	**880**	B	-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	**40**	B	-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	**22**		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	**56**		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	**110**		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	**22**		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	**54**	B	-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	< 21		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	< 21	J B	-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	9.7	J	-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	9.2	J	-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	9.7	J	-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	1.7	J	-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	3.1	J	-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	**110000**	E B	-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	**2400**	B	-		-		-		-	
Pesticides															
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-	
Organotins															
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 3.6		< 2.8		< 2.3		< 2.4		< 2.4	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02		ND20-GM02	
					Sample ID	ND20-GM02-SURF_07/01/2020		ND20-GM02-0320_07/02/2020		ND20-GM02-2040_07/02/2020		ND20-GM02-4060_07/02/2020		ND20-GM02-6080_07/02/2020	
					Date	2020-Jul-01		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	-		< 45		-		< 37		< 39	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 4.7		< 3.7		< 3		< 3.1		< 3.2	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 4.2**		**< 3.3**		**< 2.6**		**< 2.7**		**< 2.8**	
Other															
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**77700**	N	**90300**		**33800**		**49200**		**53000**	
Moisture	SM2540	--	--	--	%	**180**		**110**		**77**		**82**		**89**	
Moisture	D2216	--	--	--	%	-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	< 120		**< 450**		**< 750**		**< 1200**		**< 500**		**< 1100**		**< 980**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 1200		< 4500		< 7500		< 12000		< 5000		< 11000		< 9800	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	120		77	J	270		540		390		1500		410	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 120		< 450		< 750		< 1200		< 500		41		< 980	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
4-Methylphenol	SW8270D	--	--	--	µg/kg	71	J	22	J	730	J	99	J	120	J	180	J	87	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	210		93		560		750		450		1400		550	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	55		62		140	J	150	J	260		230	J	170	J
Acetophenone	SW8270D	--	--	--	µg/kg	< 240		< 920		< 1500		< 2500		< 1000		< 2300		< 2000	
Anthracene	SW8270D	57.2	451	845	µg/kg	370		210		1400		1500		930		1900		860	
Atrazine	SW8270D	--	--	--	µg/kg	< 240		< 920		< 1500		< 2500		< 1000		< 2300		< 2000	
Benzaldehyde	SW8270D	--	--	--	µg/kg	7.5	J	31	J	< 1500		< 2500		< 1000		< 2300		< 2000	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	630		540		2600		2500		1700		4100		1800	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	560		470		2100		2100		1300		3300		1500	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	680		550		2600		3400		1500		3400		1800	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	400		320		1300		1300		780		2100		920	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	160		190		850		920		520		1300		500	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	350		300	J	1300		1300		780		2100		890	J
Biphenyl	SW8270D	--	--	--	µg/kg	30	J	24	J	74	J	130	J	71	J	230	J	82	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 1200		< 4500		130	J	< 12000		< 5000		< 11000		< 9800	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Caprolactam	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
Carbazole	SW8270D	--	--	--	µg/kg	98		57	J	460		490		150		760		370	
Chrysene	SW8270D	166	728	1290	µg/kg	640		540		2700		2500		1600		4200		1700	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	94		160		410		510		300		710		390	
Dibenzofuran	SW8270D	150	365	580	µg/kg	100	J	92	J	400	J	500	J	350	J	810	J	370	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	1500		1200		6100		6100		3900		10000		4500	
Fluorene	SW8270D	77.4	307	536	µg/kg	160		140		700		920		780		1400		550	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	330		290		1200		1100		720		1800		880	
Isophorone	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Naphthalene	SW8270D	176	369	561	µg/kg	270		120		640		950		600		2000		940	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 240		< 910		< 1500		< 2500		< 1000		< 2300		< 2000	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 24		< 92		< 150		< 250		< 100		< 230		< 200	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
Phenanthrene	SW8270D	204	687	1170	µg/kg	1100		600		4600		6100		4100		13000		4400	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 120		< 450		< 750		< 1200		< 500		< 1100		< 980	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 600		< 2300		< 3900		< 6300		< 2600		< 5800		< 5100	
Pyrene	SW8270D	195	858	1520	µg/kg	1200		1000		4400		5600		3300		10000		4000	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	4770		15500		8800		12800		8300		10000		7360	
Antimony	SW6010	2	13.5	25	mg/kg	< 6.9	U *	< 12.2	U *	< 8.2	U *	0.7	J *	0.73	J *	0.76	J *	0.52	J *
Arsenic	SW6010	9.8	21.4	33	mg/kg	3.6		5.8		4.9		5.2		4.6		5.9		5	
Barium	SW6010	--	--	--	mg/kg	46.3		163	*	100		107		72.5		95.2		99.4	
Beryllium	SW6010	--	--	--	mg/kg	0.25	J	0.57	J	0.43	J	0.58	J	0.45	J	0.53	J	0.4	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.29	J	0.52	J	0.58	J	0.95		1.3		1.1		0.86	
Calcium	SW6010	--	--	--	mg/kg	16500		10600	*	10000		14900		16900		13500		16000	
Chromium	SW6010	43	76.5	110	mg/kg	11.3		34	*	21.2		31		21.3		24.5		17.5	
Cobalt	SW6010	--	--	--	mg/kg	4	J	11.3		7.1		9.4		7.1		7.6		6.7	
Copper	SW6010	32	91	150	mg/kg	26.2		70		45.8	*	76.5	*	48.6	*	78.5	*	106	*
Iron	SW6010	20000	30000	40000	mg/kg	9970		30800		18200		24600		18900		21600		16400	
Lead	SW6010	36	83	130	mg/kg	23.2		24.6		57.8	*	66.8	*	69.6	*	131	*	155	*
Magnesium	SW6010	--	--	--	mg/kg	6470		9590	*	6760		10600		9280		8940		7970	
Manganese	SW6010	460	780	1100	mg/kg	164	*	822		285		360		279		267		216	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	0.052	J	< 0.27		< 0.15	J	< 0.19	J	0.34		0.26		< 0.15	J
Nickel	SW6010	23	36	49	mg/kg	10.6		27.8	*	18.3		25		18.4		19.7		17.6	
Potassium	SW6010	--	--	--	mg/kg	627		1980		1090		1610		1060		1270		936	
Selenium	SW6010	--	--	--	mg/kg	< 4		1.4	J	< 4.8		0.98	J	< 3.7		1	J	0.85	J
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.1		0.22	J	0.14	J	0.33	J	0.15	J	0.15	J	0.11	J
Sodiium	SW6010	--	--	--	mg/kg	229	J	322	J	248	J	302	J	256	J	269	J	246	J
Thallium	SW6010	--	--	--	mg/kg	< 2.9	U *	< 5.1	U *	< 3.4	U *	< 3.6	U *	< 2.6	U *	< 3.4	U *	< 2.7	U *
Vanadium	SW6010	--	--	--	mg/kg	22.8		42.8		31.6		39.6		32.5		33		33.2	
Zinc	SW6010	120	290	460	mg/kg	59.3		117	*	131		216		191		271		183	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 1.9		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM02		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03		ND20-GM03	
					Sample ID	ND20-GM02-8010_07/02/2020		ND20-GM03-SURF_06/28/2020		ND20-GM03-0320_07/02/2020		ND20-GM03-2040_07/02/2020		ND20-GM03-4060_07/02/2020		ND20-GM03-6080_07/02/2020		ND20-GM03-8010_07/02/2020	
					Date	2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 29		-		-		-		-		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 2.4		-		-		-		-		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 2.1**		-		-		-		-		-		-	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**9370**		**71700**		**48500**		**42800**		**28900**		**59000**		**43000**	
Moisture	SM2540	--	--	--	%	**42**		**170**		**72**		**85**		**52**		**64**		**54**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**	
Polycyclic Aromatic Hydrocarbons																	
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	**< 380**		< 290		**< 450**		**< 610**		< 220		< 20	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 3800		< 2900		< 4500		< 6100		< 2200		< 200	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	68	J	170		210		750		190		0.35	J
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 380		< 290		< 450		< 610		8.1	J	< 20	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
4-Methylphenol	SW8270D	--	--	--	µg/kg	38	J	69	J	81	J	150	J	66	J	< 20	
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	110		290		590		910		220		1.1	J
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	73	J	85		120		690		93		< 4.1	
Acetophenone	SW8270D	--	--	--	µg/kg	< 760		17	J	< 910		< 1200		< 440		< 41	
Anthracene	SW8270D	57.2	451	845	µg/kg	250		470		1200		1900		430		< 4.1	
Atrazine	SW8270D	--	--	--	µg/kg	< 760		< 590		< 910		< 1200		< 440		< 41	
Benzaldehyde	SW8270D	--	--	--	µg/kg	37	J	52	J	45	J	< 1200		< 440		< 41	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	520		1000		2800		3300		740		< 4.1	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	490		830		2200		2600		630		< 4.1	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	570		1000		2400		2900		630		< 4.1	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	390		560		1400		1500		400		< 4.1	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	270		340		910		990		220		< 4.1	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	330	J	520		1300		1500		360		< 20	
Biphenyl	SW8270D	--	--	--	µg/kg	28	J	43	J	57	J	130	J	43	J	< 20	
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	49	J	< 2900		< 4500		< 6100		< 2200		< 200	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Caprolactam	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
Carbazole	SW8270D	--	--	--	µg/kg	71	J	140		430		310		150		< 4.1	
Chrysene	SW8270D	166	728	1290	µg/kg	590		1000		2800		3000		660		< 4.1	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	110		170		410		550		130		< 4.1	
Dibenzofuran	SW8270D	150	365	580	µg/kg	94	J	180	J	250	J	480	J	160	J	0.16	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 380		< 290		< 450		< 610		< 220		1.6	J
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	1300		2500		7600		7300		1700		0.65	J
Fluorene	SW8270D	77.4	307	536	µg/kg	170		380		650		910		240		< 4.1	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	320		500		1300		1400		360		< 4.1	
Isophorone	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Naphthalene	SW8270D	176	369	561	µg/kg	86		280		290		1100		390		< 4.1	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 760		< 590		< 910		< 1200		< 440		< 41	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 76		< 59		< 91		< 120		< 44		< 4.1	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
Phenanthrene	SW8270D	204	687	1170	µg/kg	670		1900		5800		6800		1900		0.9	J
Phenol	SW8270D	4200	8100	12000	µg/kg	< 380		< 290		< 450		< 610		< 220		< 20	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1900		< 1500		< 2300		< 3200		< 1100		< 100	
Pyrene	SW8270D	195	858	1520	µg/kg	900		2100		6700		5700		1600		0.71	J
Metals																	
Aluminium	SW6010	--	--	--	mg/kg	19100		10700		11600		7600		4610		4160	
Antimony	SW6010	2	13.5	25	mg/kg	< 16.2	U *	< 7.5	U *	< 9.6	U *	< 8.5	U *	< 5.9	U *	< 6.3	U *
Arsenic	SW6010	9.8	21.4	33	mg/kg	6.7		5		4.8		5.6		3.2		2.1	
Barium	SW6010	--	--	--	mg/kg	183		107		117		86.4		26		24	
Beryllium	SW6010	--	--	--	mg/kg	0.79	J	0.47	J	0.53	J	0.48	J	0.24	J	0.21	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.66	J	0.54	J	0.67	J	0.91		0.2	J	0.15	J
Calcium	SW6010	--	--	--	mg/kg	11900		12200		14500		13300		9160		16800	
Chromium	SW6010	43	76.5	110	mg/kg	41.5		24.6		26.2		19.6		10.6		9.5	
Cobalt	SW6010	--	--	--	mg/kg	12.8	J	8.1		8.3		6.6	J	3.9	J	3.5	J
Copper	SW6010	32	91	150	mg/kg	47.8		43.6		45.4		58.4		27.9		7.8	
Iron	SW6010	20000	30000	40000	mg/kg	36000		20700		22600		16600		11700		9960	
Lead	SW6010	36	83	130	mg/kg	29.1		45		68.4		103		20.3		2.8	
Magnesium	SW6010	--	--	--	mg/kg	11000		8260		8030		7290		3960		5950	
Manganese	SW6010	460	780	1100	mg/kg	1060	*	355	*	408	*	205	*	141	*	158	*
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.26		0.049	J	0.27		0.2		< 0.11		< 0.12	
Nickel	SW6010	23	36	49	mg/kg	32.1		20.6		21.3		17		10.3		9.8	
Potassium	SW6010	--	--	--	mg/kg	2620		1310		1400		988		477	J	510	J
Selenium	SW6010	--	--	--	mg/kg	2.1	J	1.2	J	< 5.6		1.2	J	< 3.4		< 3.7	
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 2.7		< 1.3		< 1.6		< 1.4		< 0.98		< 1	
Sodiium	SW6010	--	--	--	mg/kg	396	J	301	J	299	J	254	J	221	J	216	J
Thallium	SW6010	--	--	--	mg/kg	< 6.7	U *	< 3.1	U *	< 4	U *	< 3.5	U *	< 2.4	U *	< 2.6	U *
Vanadium	SW6010	--	--	--	mg/kg	51.9		35.4		35.6		28.5		23.2		24	
Zinc	SW6010	120	290	460	mg/kg	135		136		157		254		44.6		16.9	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-	
AVS/SEM																	
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Polychlorinated Biphenyls																	
Aroclor 1016	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	21	J	-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	< 96		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	21		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																	
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	< 15		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	< 15		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	< 15		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	**330**		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	< 15		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	< 73		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	< 15		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	< 15		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	**< 29**		-		-		-		-		-	
Dioxins																	
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	**1200**	B	-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	**450**	B	-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	**11**	B	-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	6.91	J B	-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	**16**		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	**30**		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	**17**	I	-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	**18**		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	1.1	J	-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	3.5	J	-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	2.8	J	-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	3.1	J	-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	3.1	J	-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	1	J	-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	**2**		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	**24000**	E B	-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	**750**	B	-		-		-		-		-	
Pesticides																	
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-	
Organotins																	
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 3.7		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04		ND20-GM04	
					Sample ID	ND20-GM04-SURF_06/30/2020		ND20-GM04-0320_06/29/2020		ND20-GM04-2040_06/29/2020		ND20-GM04-4060_06/29/2020		ND20-GM04-6080_06/29/2020		ND20-GM04-8010_06/29/2020	
					Date	2020-Jun-30		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29		2020-Jun-29	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		8 - 10	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	N		N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 59		-		-		-		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 4.8		-		-		-		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 4.3**		-		-		-		-		-	
Other																	
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**65000**		**51300**		**54900**		**56500**		**12300**		< 1000	
Moisture	SM2540	--	--	--	%	**190**		**77**		**81**		**48**		**33**		**21**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	**< 450**		**< 380**		**< 320**		< 21		< 21		**< 380**		**< 350**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 4500		< 3800		< 3200		< 210		< 210		< 3800		< 3500	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	**130**		62	J	**87**		0.3	J	< 4.4		46	J	**77**	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
4-Methylphenol	SW8270D	--	--	--	µg/kg	25	J	16	J	23	J	< 21		0.79	J	14	J	44	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	**150**		**92**		**160**		0.59	J	< 4.4		**56**	J	**130**	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	53	J	39	J	49	J	< 4.3		< 4.4		35	J	48	J
Acetophenone	SW8270D	--	--	--	µg/kg	< 900		< 780		< 650		< 43		< 44		< 770		< 710	
Anthracene	SW8270D	57.2	451	845	µg/kg	**270**		**150**		**240**		0.66	J	< 4.4		**110**		**210**	
Atrazine	SW8270D	--	--	--	µg/kg	< 900		< 780		< 650		< 43		< 44		< 770		< 710	
Benzaldehyde	SW8270D	--	--	--	µg/kg	< 900		72	J	58	J	< 43		1	J	35	J	52	J
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	**530**		**300**		**470**		1.4	J	< 4.4		**250**		**370**	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	**470**		**220**		**370**		1	J	< 4.4		**200**		**280**	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	**530**		**300**		**480**		1.4	J	< 4.4		**250**		**350**	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	**320**		**160**		**240**		< 4.3		< 4.4		**150**		**190**	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	**170**		**110**		**180**		0.17	J	< 4.4		**100**		**150**	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	290	J	160	J	250	J	0.69	J	< 21		140	J	190	J
Biphenyl	SW8270D	--	--	--	µg/kg	34	J	18	J	28	J	< 21		< 21		15	J	21	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 4500		< 3800		94	J	2.2	J	< 210		< 3800		< 3500	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	80	J	< 380		< 320		1.6	J	< 21		< 380		< 350	
Caprolactam	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		33	J	< 2000		< 1800	
Carbazole	SW8270D	--	--	--	µg/kg	82	J	32	J	**80**		< 4.3		< 4.4		25	J	40	J
Chrysene	SW8270D	166	728	1290	µg/kg	**530**		**330**		**590**		1.4	J	< 4.4		**270**		**420**	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	**150**		**110**		**110**		< 4.3		< 4.4		**100**		**110**	
Dibenzofuran	SW8270D	150	365	580	µg/kg	110	J	79	J	130	J	0.28	J	< 21		59	J	100	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 450		< 380		< 320		< 21		0.72	J	< 380		< 350	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 450		< 380		< 320		0.94	J	1.2	J	< 380		< 350	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	**1200**		**740**		**1400**		2.5	J	0.45	J	**600**		**990**	
Fluorene	SW8270D	77.4	307	536	µg/kg	**180**		**140**		**250**		0.63	J	< 4.4		**89**		**200**	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	

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Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	300		150		230		< 4.3		< 4.4		130		170	
Isophorone	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Naphthalene	SW8270D	176	369	561	µg/kg	230		96		160		< 4.3		< 4.4		73	J	190	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 900		< 770		< 650		< 42		< 43		< 770		< 710	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 90		< 78		< 65		< 4.3		< 4.4		< 77		< 71	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
Phenanthrene	SW8270D	204	687	1170	µg/kg	1000		460		1000		2.7	J	0.65	J	270		580	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 450		< 380		< 320		< 21		< 21		< 380		< 350	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 2300		< 2000		< 1700		< 110		< 110		< 2000		< 1800	
Pyrene	SW8270D	195	858	1520	µg/kg	1100		630		1200		2.4	J	< 4.4		500		820	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	18000		13100		12100		3450		5310		12700		10200	
Antimony	SW6010	2	13.5	25	mg/kg	0.9	J *	< 10.5	U *	< 8.6	U *	< 6.2	U *	< 6	U *	< 9.5	U *	< 11.6	U *
Arsenic	SW6010	9.8	21.4	33	mg/kg	5.7		5.4		5.8		2.1		2.7		4.7		5.3	
Barium	SW6010	--	--	--	mg/kg	159	*	130		140		21		37.7		125	*	118	
Beryllium	SW6010	--	--	--	mg/kg	0.65	J	0.55	J	0.53	J	0.16	J	0.25	J	0.46	J	0.46	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.54	J	0.52	J	0.58	J	0.15	J	0.19	J	0.43	J	0.52	J
Calcium	SW6010	--	--	--	mg/kg	10600	*	13800		13500		18200		32800	D	9850	*	12300	
Chromium	SW6010	43	76.5	110	mg/kg	38.5	*	30		28.9		8.8		11.7		28	*	25.2	
Cobalt	SW6010	--	--	--	mg/kg	12.8		9.7		9.2		3.1	J	4.7	J	9.4		8	J
Copper	SW6010	32	91	150	mg/kg	35.6		34	*	39.7	*	6.3	*	10	*	38.6		34.9	*
Iron	SW6010	20000	30000	40000	mg/kg	34900		25400		24400		8440		11300		24800		20900	
Lead	SW6010	36	83	130	mg/kg	21.9		23	*	37.2	*	2.3	*	3.4	*	20		29.4	*
Magnesium	SW6010	--	--	--	mg/kg	10400	*	9880		9440		6680		12900		8340	*	8250	
Manganese	SW6010	460	780	1100	mg/kg	1130		592		484		198		318		508		344	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.25		< 0.21	J	< 0.17	J	< 0.12		< 0.12		< 0.22		< 0.18	J
Nickel	SW6010	23	36	49	mg/kg	31.4	*	24.2		23.2		9		12.3		23.1	*	20.2	
Potassium	SW6010	--	--	--	mg/kg	2290		1690		1560		442	J	774		1590		1320	
Selenium	SW6010	--	--	--	mg/kg	1.4	J	< 6.1		1	J	< 3.6		< 3.5		1.2	J	< 6.7	
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.8		< 1.8		< 1.4		< 1		< 1		< 1.6		< 1.9	
Sodiium	SW6010	--	--	--	mg/kg	350	J	314	J	316	J	169	J	247	J	288	J	287	J
Thallium	SW6010	--	--	--	mg/kg	< 4.6	U *	< 4.4	U *	< 3.6	U *	< 2.6	U *	< 2.5	U *	< 4	U *	< 4.8	U *
Vanadium	SW6010	--	--	--	mg/kg	48.2		39.5		39.4		20		24.5		36.7		35.9	
Zinc	SW6010	120	290	460	mg/kg	121	*	118		136		15.3		21.8		97	*	116	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	< 87		< 71		**500**		< 40		< 43		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	15	J	16	J	**150**		< 40		< 43		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	< 87		< 71		< 65		< 40		< 43		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	15		16		**650**		0		0		-		-	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 3.4		< 2.9		< 2.6		< 1.6		< 1.8		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM05		ND20-GM06		ND20-GM06	
					Sample ID	ND20-GM05-SURF_06/28/2020		ND20-GM05-0320_07/02/2020		ND20-GM05-2040_07/02/2020		ND20-GM05-4060_07/02/2020		ND20-GM05-6080_07/02/2020		ND20-GM06-SURF_06/28/2020		ND20-GM06-0320_07/02/2020	
					Date	2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0.3 - 2		2 - 4		4 - 6		6 - 8		0 - 0.3		0.3 - 2	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 54		< 46		< 42		< 26		< 28		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 4.5		< 3.7		< 3.4		< 2.1		< 2.3		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 3.9**		**< 3.3**		**< 3**		**< 1.9**		**< 2**		-		-	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**46300**		**47000**		**56600**		**7880**		< 1000		**67200**		**49400**	
Moisture	SM2540	--	--	--	%	**170**		**120**		**99**		**23**		**32**		**130**		**98**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	**< 1100**		< 230		**< 670**		**< 680**		**< 390**		**< 540**		**< 400**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 11000		< 2300		< 6700		< 6800		< 3900		< 5400		< 4000	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	600		270		970		730		52	J	160		300	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
4-Methylphenol	SW8270D	--	--	--	µg/kg	140	J	83	J	200	J	270	J	< 390		49	J	99	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	1100		360		1100		360		110		330		340	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	200	J	72		350		160		47	J	56	J	77	J
Acetophenone	SW8270D	--	--	--	µg/kg	< 2200		< 480		< 1400		< 1400		< 790		< 1100		< 800	
Anthracene	SW8270D	57.2	451	845	µg/kg	2100		770		1700		910		160		420		590	
Atrazine	SW8270D	--	--	--	µg/kg	< 2200		< 480		< 1400		< 1400		< 790		< 1100		< 800	
Benzaldehyde	SW8270D	--	--	--	µg/kg	< 2200		< 480		< 1400		< 1400		32	J	62	J	< 800	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	4300		1100		2800		1500		300		660		900	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	3500		800		2300		1100		220		470		590	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	3900		880		2400		1200		320		680		880	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	2000		550		1600		820		140		350		480	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	1400		360		900		550		110		260		290	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	2100		510		1400		760		160	J	350	J	470	
Biphenyl	SW8270D	--	--	--	µg/kg	130	J	55	J	180	J	110	J	18	J	41	J	55	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 11000		< 2300		< 6700		< 6800		< 3900		120	J	< 4000	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		6.2	J	< 400	
Caprolactam	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
Carbazole	SW8270D	--	--	--	µg/kg	760		140		590		190		39	J	120		100	
Chrysene	SW8270D	166	728	1290	µg/kg	4700		1000		2600		1500		350		800		1100	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	680		180		500		340		100		100	J	140	
Dibenzofuran	SW8270D	150	365	580	µg/kg	610	J	300		920		350	J	96	J	220	J	220	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	9800		4000		8100		3700		850		1900		2700	
Fluorene	SW8270D	77.4	307	536	µg/kg	1300		540		1500		520		160		490		400	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	1900		470		1400		700		130		310		380	
Isophorone	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Naphthalene	SW8270D	176	369	561	µg/kg	880		410		1800		1100		81		340		410	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 2200		< 470		< 1400		< 1400		< 790		< 1100		< 800	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 220		< 48		< 140		< 140		< 79		< 110		< 80	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
Phenanthrene	SW8270D	204	687	1170	µg/kg	11000		4100		9300		3000		480		1800		2500	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 1100		< 230		< 670		< 680		< 390		< 540		< 400	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 5600		< 1200		< 3500		< 3500		< 2000		< 2800		< 2000	
Pyrene	SW8270D	195	858	1520	µg/kg	9800		3000		6500		3000		680		1700		2400	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	9640		7260		7950		9180		11900		10600		9040	
Antimony	SW6010	2	13.5	25	mg/kg	< 8.4	U *	0.68	J *	0.74	J *	1.1	J *	< 10.4	U *	< 10	U *	< 8.7	U *
Arsenic	SW6010	9.8	21.4	33	mg/kg	4.8		4.8		5.2		6		4.5		5.1		4.9	
Barium	SW6010	--	--	--	mg/kg	91.5		65.3		83.3		260		138	*	101		80.3	
Beryllium	SW6010	--	--	--	mg/kg	0.47	J	0.38	J	0.45	J	0.5	J	0.43	J	0.49	J	0.51	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.8		0.63	J	0.91		1.2		0.42	J	0.54	J	0.74	
Calcium	SW6010	--	--	--	mg/kg	13600		18300		15000		14500		11500	*	15200		20800	
Chromium	SW6010	43	76.5	110	mg/kg	23.7		18.9		20.7		23.5		26.2	*	24.4		22	
Cobalt	SW6010	--	--	--	mg/kg	7.7		6.6	J	6.8	J	7.6		8.5	J	7.9	J	7.4	
Copper	SW6010	32	91	150	mg/kg	53.8	*	36.9	*	44.5	*	52.2	*	33.6		36.8		47.8	
Iron	SW6010	20000	30000	40000	mg/kg	20200		17200		19400		22000		23800		21900		19000	
Lead	SW6010	36	83	130	mg/kg	162	*	63.7	*	114	*	159	*	17.6		30.5	*	51.5	*
Magnesium	SW6010	--	--	--	mg/kg	8580		9200		7870		8210		8410	*	8990		10700	
Manganese	SW6010	460	780	1100	mg/kg	292		282		259		285		603		396		277	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	0.22		0.23		0.27		0.35		0.057	J	0.091	J	0.21	
Nickel	SW6010	23	36	49	mg/kg	20.4		17.8		17.8		19.6		21.7	*	20.4		19.6	
Potassium	SW6010	--	--	--	mg/kg	1200		943		1010		1180		1510		1330		1190	
Selenium	SW6010	--	--	--	mg/kg	< 4.9		< 4.9		< 5.5		0.75	J	< 6.1		< 5.8		< 5.1	
Silver	SW6010	1.6	1.9	2.2	mg/kg	0.2	J	< 1.4		0.15	J	0.2	J	< 1.7		< 1.7		< 1.5	
Sodiium	SW6010	--	--	--	mg/kg	298	J	299	J	369	J	485	J	277	J	317	J	312	J
Thallium	SW6010	--	--	--	mg/kg	< 3.5	U *	< 3.5	U *	< 3.9	U *	< 3.2	U *	< 4.3	U *	< 3.3	U *	< 3.2	U *
Vanadium	SW6010	--	--	--	mg/kg	35.4		30.5		30.9		34.2		34.5		37		35.7	
Zinc	SW6010	120	290	460	mg/kg	196		162		215		286		91.2	*	125		192	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	-		-		-		-		< 3.1		< 2.4		< 2.2	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM06		ND20-GM07		ND20-GM07		ND20-GM07	
					Sample ID	ND20-GM06-2040_07/02/2020		ND20-GM06-4060_07/02/2020		ND20-GM06-6080_07/02/2020		ND20-GM06-8010_07/02/2020		ND20-GM07-SURF_06/28/2020		ND20-GM07-0320_07/02/2020		ND20-GM07-2040_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	2 - 4		4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		< 49		< 38		**3.6**	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	-		-		-		-		< 4		< 3.1		< 2.8	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	-		-		-		-		**< 3.5**		**2.9**		**< 2.5**	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**32900**	N	**31600**		**70000**		**62300**		**91300**		**40700**		**35300**	
Moisture	SM2540	--	--	--	%	**67**		**55**		**61**		**76**		**140**		**78**		**61**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	76	J	< 21		< 22		11	J	**< 400**		**< 560**		**< 490**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 9000		< 210		< 220		< 1600		< 4000		< 5600		< 4900	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	3800		0.29	J	< 4.4		74		180		2200		520	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 900		< 21		< 22		4.7	J	< 400		< 560		< 490	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
4-Methylphenol	SW8270D	--	--	--	µg/kg	160	J	< 21		< 22		22	J	56	J	110	J	90	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	4300		< 4.3		< 4.4		45		2700		330		520	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	440		< 4.3		< 4.4		26	J	47	J	82	J	54	J
Acetophenone	SW8270D	--	--	--	µg/kg	< 1800		< 43		< 44		8.2	J	< 810		< 1100		< 1000	
Anthracene	SW8270D	57.2	451	845	µg/kg	5900		0.46	J	< 4.4		87		710		540		580	
Atrazine	SW8270D	--	--	--	µg/kg	< 1800		< 43		< 44		< 330		< 810		< 1100		< 1000	
Benzaldehyde	SW8270D	--	--	--	µg/kg	< 1800		< 43		< 44		30	J	35	J	< 1100		< 1000	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	9400		< 4.3		< 4.4		200		550		1100		950	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	8000		< 4.3		< 4.4		170		400		720		620	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	8600		< 4.3		< 4.4		230		520		990		880	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	5200		< 4.3		< 4.4		120		300		530		460	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	2100		< 4.3		< 4.4		84		220		340		240	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	4600		< 21		< 22		120	J	280	J	530	J	440	J
Biphenyl	SW8270D	--	--	--	µg/kg	610	J	< 21		< 22		16	J	39	J	57	J	69	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 9000		< 210		< 220		< 1600		69	J	63	J	< 4900	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Caprolactam	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
Carbazole	SW8270D	--	--	--	µg/kg	2200		< 4.3		< 4.4		28	J	78	J	110	J	130	
Chrysene	SW8270D	166	728	1290	µg/kg	9600		< 4.3		< 4.4		230		650		1400		1100	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	1300		< 4.3		< 4.4		56		88		140		130	
Dibenzofuran	SW8270D	150	365	580	µg/kg	2000		0.24	J	< 22		54	J	1100		250	J	370	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 900		0.9	J	0.98	J	< 160		< 400		< 560		< 490	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	19000		1.1	J	< 4.4		450		1900		2600		2500	
Fluorene	SW8270D	77.4	307	536	µg/kg	4700		0.45	J	< 4.4		78		2500		430		600	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	4100		< 4.3		< 4.4		110		250		430		360	
Isophorone	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Naphthalene	SW8270D	176	369	561	µg/kg	5100		< 4.3		< 4.4		110		240		380		460	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 1800		< 43		< 44		< 330		< 800		< 1100		< 1000	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 180		< 4.3		< 4.4		< 33		< 81		< 110		< 100	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
Phenanthrene	SW8270D	204	687	1170	µg/kg	26000		1.9	J	0.56	J	230		5000		2100		2600	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 900		< 21		< 22		< 160		< 400		< 560		< 490	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 4600		< 110		< 110		< 830		< 2100		< 2900		< 2500	
Pyrene	SW8270D	195	858	1520	µg/kg	24000		1.4	J	< 4.4		390		1800		2600		2400	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	6040		4760		3890		11200		12100		10300		9790	
Antimony	SW6010	2	13.5	25	mg/kg	< 7	U *	< 5.1	U *	< 5.7	U *	< 9	U *	0.82	J *	< 10	U *	< 7.1	U *
Arsenic	SW6010	9.8	21.4	33	mg/kg	3.6		2.8		2.6		4.6		6.3		4.3		4.6	
Barium	SW6010	--	--	--	mg/kg	73.7		34.6		21.4		102		127		83.5		70.3	
Beryllium	SW6010	--	--	--	mg/kg	0.37	J	0.23	J	0.2	J	0.49	J	0.56	J	0.51	J	0.49	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.52	J	0.18	J	0.14	J	0.43	J	0.81		0.78	J	0.68	
Calcium	SW6010	--	--	--	mg/kg	18500		25100		12500		12100		15400		16200		18200	
Chromium	SW6010	43	76.5	110	mg/kg	15		11		9.9		24.7		27.6		24.8		23.5	
Cobalt	SW6010	--	--	--	mg/kg	5.4	J	4.4		3.7	J	8.2		9.3		7.5	J	7.9	
Copper	SW6010	32	91	150	mg/kg	36.2		10.1		7		31		129		45.8		45.2	
Iron	SW6010	20000	30000	40000	mg/kg	13600		10400		11400		20800		23400		21100		20600	
Lead	SW6010	36	83	130	mg/kg	56.1	*	3.3	*	2.7	*	16.8		111	*	50.1	*	47.5	*
Magnesium	SW6010	--	--	--	mg/kg	8500		9760		4630		8480		10000		9680		10100	
Manganese	SW6010	460	780	1100	mg/kg	224		268		176		463	*	383		302		320	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	0.16		< 0.12		< 0.12		0.056	J	0.08	J	0.22		0.19	
Nickel	SW6010	23	36	49	mg/kg	14.2		11.5		9.7		20.2		23.2		20.7		21.5	
Potassium	SW6010	--	--	--	mg/kg	866		678		394	J	1460		1570		1330		1240	
Selenium	SW6010	--	--	--	mg/kg	< 4.1		< 3		< 3.3		0.95	J	1	J	< 5.8		0.78	J
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.2		< 0.85		< 0.95		< 1.5		< 1.5		0.46	J	< 1.2	
Sodiium	SW6010	--	--	--	mg/kg	268	J	231	J	214	J	306	J	377	J	279	J	289	J
Thallium	SW6010	--	--	--	mg/kg	< 2.6	U *	< 2.2	U *	< 2.9	U *	< 3.8	U *	< 3.6	U *	< 3.8	U *	< 3.5	U *
Vanadium	SW6010	--	--	--	mg/kg	28		24.5		29.2		35.9		42.9		35.4		36.1	
Zinc	SW6010	120	290	460	mg/kg	144		19.3		16.6		95.1		315		204		168	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		< 11		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		< 11		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		< 11		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		84		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		< 11		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		< 57		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		< 11		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		< 11		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		< 23		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		**290**	B	-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		**190**	B	-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		3.04	J B	-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		2.06	J B	-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		4.5	J	-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		**9.2**	B	-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		**5.6**		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		**6.6**	B	-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		< 4.9		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		1.5	J	-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		0.87	J	-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		1.3	J	-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		1.15	J B	-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		0.67	J	-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		**1.6**		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		**3800**	B	-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		**170**	B	-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 1.9		< 1.6		< 1.6		< 2.5		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM07		ND20-GM07		ND20-GM07		ND20-GM08		ND20-GM08		ND20-GM08		ND20-GM08	
					Sample ID	ND20-GM07-4060_07/02/2020		ND20-GM07-6080_07/02/2020		ND20-GM07-8010_07/02/2020		ND20-GM08-SURF_06/29/2020		ND20-GM08-0320_07/02/2020		ND20-GM08-2040_07/02/2020		ND20-GM08-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jul-02		2020-Jun-29		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	4 - 6		6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	5.6	J	< 25		< 25		< 40		-		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 2.5		< 2		< 2		< 3.3		-		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 2.2**		**< 1.8**		**< 1.8**		**< 2.9**		-		-		-	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**22400**		**6010**		< 1000		**39300**		**33300**		**44400**		**22800**	
Moisture	SM2540	--	--	--	%	**44**		**23**		**21**		**94**		**58**		**70**		**52**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																	
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	< 44		< 20		**< 360**		**< 350**		**< 720**		< 240	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 440		< 200		< 3600		< 3500		< 7200		< 2400	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	**36**		0.25	J	47	J	**83**		92	J	**75**	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
4-Methylphenol	SW8270D	--	--	--	µg/kg	7.3	J	< 20		19	J	22	J	33	J	37	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	**33**		< 4.1		54	J	**150**		**200**		**160**	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	4.4	J	< 4.1		22	J	38	J	55	J	**64**	
Acetophenone	SW8270D	--	--	--	µg/kg	< 89		< 41		< 720		< 700		< 1500		< 480	
Anthracene	SW8270D	57.2	451	845	µg/kg	**52**		< 4.1		**80**		**270**		**420**		**300**	
Atrazine	SW8270D	--	--	--	µg/kg	< 89		< 41		< 720		< 700		< 1500		< 480	
Benzaldehyde	SW8270D	--	--	--	µg/kg	< 89		0.84	J	< 720		41	J	50	J	< 480	
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	**72**		< 4.1		**170**		**370**		**580**		**560**	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	**43**		< 4.1		**140**		**310**		**590**		**410**	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	**57**		< 4.1		**170**		**400**		**530**		**470**	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	**32**		< 4.1		**96**		**210**		**610**		**270**	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	**22**		< 4.1		58	J	**140**		**190**		**180**	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	32	J	< 20		95	J	190	J	510	J	**260**	
Biphenyl	SW8270D	--	--	--	µg/kg	5.1	J	< 20		11	J	30	J	28	J	17	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 440		2	J	< 3600		< 3500		< 7200		46	J
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 44		1.3	J	< 360		< 350		< 720		< 240	
Caprolactam	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
Carbazole	SW8270D	--	--	--	µg/kg	5	J	< 4.1		23	J	83		110	J	53	
Chrysene	SW8270D	166	728	1290	µg/kg	**76**		< 4.1		**190**		**400**		**770**		**560**	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	7.9	J	< 4.1		**80**		**61**	J	**240**		**110**	
Dibenzofuran	SW8270D	150	365	580	µg/kg	25	J	0.21	J	46	J	140	J	170	J	85	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 44		< 20		13	J	< 350		**< 720**		< 240	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 44		< 20		< 360		< 350		**< 720**		< 240	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 44		1.5	J	< 360		17	J	< 720		< 240	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 44		< 20		< 360		< 350		**< 720**		< 240	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	**220**		< 4.1		**380**		**910**		**1400**		**1400**	
Fluorene	SW8270D	77.4	307	536	µg/kg	**46**		< 4.1		67	J	**210**		**250**		**210**	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	**26**		< 4.1		**89**		**210**		**330**		**250**	
Isophorone	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
Naphthalene	SW8270D	176	369	561	µg/kg	**32**		< 4.1		**80**		**170**		**200**		**110**	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 89		< 41		< 720		< 700		< 1400		< 480	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 8.9		< 4.1		< 72		< 70		< 150		< 48	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	**< 230**		< 100		**< 1800**		**< 1800**		**< 3700**		**< 1200**	
Phenanthrene	SW8270D	204	687	1170	µg/kg	**250**		1	J	**250**		**750**		**1300**		**1100**	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 44		< 20		< 360		< 350		< 720		< 240	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 230		< 100		< 1800		< 1800		< 3700		< 1200	
Pyrene	SW8270D	195	858	1520	µg/kg	**210**		< 4.1		**330**		**600**		**1200**		**1100**	
Metals																	
Aluminium	SW6010	--	--	--	mg/kg	**4600**		**4020**		**11500**		**11300**		**8740**		**5250**	
Antimony	SW6010	2	13.5	25	mg/kg	**< 7**	U *	**< 5.4**	U *	**< 9.1**	U *	**< 10.5**	U *	**< 6.9**	U *	**< 6.6**	U *
Arsenic	SW6010	9.8	21.4	33	mg/kg	**2.2**		2		**4.3**		**4.2**		**4.2**		**3.3**	
Barium	SW6010	--	--	--	mg/kg	**30.5**		**30.2**		**95.4**	*	**105**		**78.6**		**39.4**	
Beryllium	SW6010	--	--	--	mg/kg	0.23	J	0.19	J	0.41	J	0.49	J	0.4	J	0.27	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.21	J	0.15	J	0.38	J	0.39	J	0.42	J	0.27	J
Calcium	SW6010	--	--	--	mg/kg	**20600**		**22900**		**10800**	*	**13500**		**14800**		**15300**	
Chromium	SW6010	43	76.5	110	mg/kg	**11.2**		**9.9**		**25.3**	*	**24.8**		**22.6**		**13.6**	
Cobalt	SW6010	--	--	--	mg/kg	3.8	J	3.5	J	**8.5**		7.9	J	**7.1**		4.8	J
Copper	SW6010	32	91	150	mg/kg	**11.4**		**6.6**		**22.5**		**22.2**		**21.6**	*	**22.4**	*
Iron	SW6010	20000	30000	40000	mg/kg	**10900**		**9860**		**22600**		**22300**		**18300**		**14000**	
Lead	SW6010	36	83	130	mg/kg	**7.2**	*	**2.7**	*	**14.2**		**16.1**	*	**21.9**	*	**18**	*
Magnesium	SW6010	--	--	--	mg/kg	**7750**		**8600**		**8050**	*	**8770**		**8280**		**6420**	
Manganese	SW6010	460	780	1100	mg/kg	**228**		**215**		**747**		**663**		**410**		**231**	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.12		< 0.11		**< 0.2**		0.058	J	< 0.15		< 0.12	J
Nickel	SW6010	23	36	49	mg/kg	**10.7**		**9.6**		**20.7**	*	**20.2**		**17.2**		**12.9**	
Potassium	SW6010	--	--	--	mg/kg	**595**		**539**		**1460**		**1480**		**1120**		**623**	
Selenium	SW6010	--	--	--	mg/kg	< 4.1		< 3.2		< 5.3		1.2	J	< 4		< 3.8	
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.2		< 0.9		< 1.5		**< 1.8**		< 1.2		< 1.1	
Sodiium	SW6010	--	--	--	mg/kg	219	J	197	J	275	J	288	J	276	J	214	J
Thallium	SW6010	--	--	--	mg/kg	< 2.6	U *	< 2.8	U *	< 3.8	U *	< 3.5	U *	< 2.9	U *	< 2.7	U *
Vanadium	SW6010	--	--	--	mg/kg	**25.2**		**22.8**		**35.8**		**35.2**		**33.1**		**28.4**	
Zinc	SW6010	120	290	460	mg/kg	**31.3**		**16.5**		**80.2**	*	**82.4**		**96.5**		**66.3**	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-	
AVS/SEM																	
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-	
Polychlorinated Biphenyls																	
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																	
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-	
Dioxins																	
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-	
Pesticides																	
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-	
Organotins																	
Dibutyl Tin	RESTEK	--	--	--	µg/kg	-		-		< 2.8		< 2.5		< 2.1		**57**	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM08		ND20-GM08		ND20-GM09		ND20-GM09		ND20-GM09		ND20-GM09	
					Sample ID	ND20-GM08-6080_07/02/2020		ND20-GM08-8010_07/02/2020		ND20-GM09-SURF_06/28/2020		ND20-GM09-0320_07/02/2020		ND20-GM09-2040_07/02/2020		ND20-GM09-4060_07/02/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		< 44		< 40		< 34		1.9	J
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	-		-		< 3.6		< 3.3		< 2.8		< 2.3	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	-		-		**< 3.2**		**< 2.9**		**28**		**81**	
Other																	
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**10500**		**3940**		**27200**		**30500**		**29200**		**15500**	
Moisture	SM2540	--	--	--	%	**26**		**21**		**120**		**91**		**68**		**38**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	< 20		< 21		**< 330**		**< 850**		30	J	16	J	**< 320**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 200		< 210		< 3300		< 8500		< 2500		< 2300		< 3200	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	0.21	J	< 4.2		24	J	340		340		220		24	J
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 20		< 21		< 330		< 850		15	J	< 230		< 320	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
4-Methylphenol	SW8270D	--	--	--	µg/kg	< 20		< 21		7.4	J	78	J	140	J	62	J	< 320	
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	1.8	J	< 4.2		40	J	680		960		300		43	J
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	< 4.1		< 4.2		18	J	55	J	150		30	J	15	J
Acetophenone	SW8270D	--	--	--	µg/kg	0.75	J	0.44	J	< 670		< 1700		< 500		< 470		< 640	
Anthracene	SW8270D	57.2	451	845	µg/kg	< 4.1		< 4.2		110		900		1400		450		56	J
Atrazine	SW8270D	--	--	--	µg/kg	< 41		< 42		< 670		< 1700		< 500		< 470		< 640	
Benzaldehyde	SW8270D	--	--	--	µg/kg	1.7	J	1.4	J	< 670		40	J	< 500		< 470		20	J
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	< 4.1		< 4.2		230		2100		2400		690		110	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	< 4.1		< 4.2		200		2000		1900		510		91	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	< 4.1		< 4.2		220		2300		2200		590		110	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	< 4.1		< 4.2		130		1200		1200		310		65	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	< 4.1		< 4.2		91		740		880		270		50	J
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	< 20		< 21		120	J	1600		1100		330		61	J
Biphenyl	SW8270D	--	--	--	µg/kg	0.48	J	< 21		< 330		76	J	84	J	35	J	7	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 200		< 210		< 3300		< 8500		< 2500		< 2300		28	J
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	2.1	J	< 21		< 330		< 850		< 250		< 230		< 320	
Caprolactam	SW8270D	--	--	--	µg/kg	3.5	J	< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
Carbazole	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		16	J	380		540		98		17	J
Chrysene	SW8270D	166	728	1290	µg/kg	< 4.1		< 4.2		230		2200		2300		700		110	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	< 4.1		< 4.2		88		440		270		83		69	
Dibenzofuran	SW8270D	150	365	580	µg/kg	< 20		< 21		36	J	410	J	510		190	J	29	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	0.75	J	0.61	J	< 330		< 850		< 250		< 230		9.6	J
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	1.8	J	1.7	J	< 330		< 850		< 250		< 230		< 320	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	0.85	J	< 4.2		500		4600		5400		1700		260	
Fluorene	SW8270D	77.4	307	536	µg/kg	0.88	J	0.25	J	66	J	810		990		370		54	J
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	< 4.1		< 4.2		120		870		1000		250		61	J
Isophorone	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Naphthalene	SW8270D	176	369	561	µg/kg	< 4.1		0.4	J	44	J	620		530		290		48	J
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 41		< 42		< 660		< 1700		< 500		< 470		< 640	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 4.1		< 4.2		< 67		< 170		< 50		< 47		< 64	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
Phenanthrene	SW8270D	204	687	1170	µg/kg	1.3	J	0.93	J	260		4200		5800		1800		170	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 20		< 21		< 330		< 850		< 250		< 230		< 320	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 100		< 110		< 1700		< 4400		< 1300		< 1200		< 1600	
Pyrene	SW8270D	195	858	1520	µg/kg	0.77	J	< 4.2		410		4500		5800		1800		220	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	4940		5020		11700		7930		7960		5680		10000	
Antimony	SW6010	2	13.5	25	mg/kg	< 5.1	U *	< 6.4	U *	< 9.9	U *	< 6.6	U *	< 8.1	U *	< 6.2	U *	0.65	J *
Arsenic	SW6010	9.8	21.4	33	mg/kg	2.2		2.9		4		4		3.7		3.5		3.5	
Barium	SW6010	--	--	--	mg/kg	40.5		37.8		97.5	*	56.7		56		41.1		78.2	*
Beryllium	SW6010	--	--	--	mg/kg	0.25	J	0.23	J	0.42	J	0.39	J	0.41	J	0.32	J	0.37	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.19	J	0.2	J	0.4	J	0.55	J	0.56	J	0.4	J	0.32	J
Calcium	SW6010	--	--	--	mg/kg	31000	D	33700	D	11900	*	12300		14300		17400		10600	*
Chromium	SW6010	43	76.5	110	mg/kg	11.9		12		26.1	*	19.4		18.5		15.8		21.9	*
Cobalt	SW6010	--	--	--	mg/kg	4.5		4.3	J	8.9		6.5		6.2	J	5	J	7.8	
Copper	SW6010	32	91	150	mg/kg	10.1	*	8.9	*	22.9		41.5		47.3		21.8		17.4	
Iron	SW6010	20000	30000	40000	mg/kg	11300		10700		23200		16300		16700		13100		20800	
Lead	SW6010	36	83	130	mg/kg	3.5	*	3.3	*	14.5		44.2	*	52.8	*	47.3	*	11.2	
Magnesium	SW6010	--	--	--	mg/kg	11600		13200		8830	*	7420		7800		7780		7150	*
Manganese	SW6010	460	780	1100	mg/kg	243		274		637		245		244		216		687	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.12		< 0.1		< 0.18		0.099	J	0.14		0.095	J	< 0.18	
Nickel	SW6010	23	36	49	mg/kg	12.4		11.2		27.1	*	16.8		16.5		13.9		18.7	*
Potassium	SW6010	--	--	--	mg/kg	698		738		1440		964		996		717		1250	
Selenium	SW6010	--	--	--	mg/kg	0.69	J	< 3.7		1	J	< 3.8		0.91	J	< 3.6		0.72	J
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 0.85		< 1.1		< 1.6		0.16	J	< 1.3		< 1		< 1.3	
Sodiium	SW6010	--	--	--	mg/kg	216	J	239	J	289	J	271	J	250	J	230	J	251	J
Thallium	SW6010	--	--	--	mg/kg	< 2.1	U *	< 2.7	U *	< 4.1	U *	< 3.5	U *	< 2.7	U *	< 3	U *	< 3.3	U *
Vanadium	SW6010	--	--	--	mg/kg	26.5		26.1		36.8		31.9		31.9		27.3		33.3	
Zinc	SW6010	120	290	460	mg/kg	21.3		20.5		82.5	*	130		144		94.7		66	*
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-		-		-	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 1.6		< 1.6		-		-		-		-		< 2.5	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM09		ND20-GM09		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM10		ND20-GM11	
					Sample ID	ND20-GM09-6080_07/02/2020		ND20-GM09-8010_07/02/2020		ND20-GM10-SURF_06/28/2020		ND20-GM10-0320_07/01/2020		ND20-GM10-2040_07/01/2020		ND20-GM10-4060_07/01/2020		ND20-GM11-SURF_06/28/2020	
					Date	2020-Jul-02		2020-Jul-02		2020-Jun-28		2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28	
					Sample Depth (ftbss)	6 - 8		8 - 10		0 - 0.3		0.3 - 2		2 - 4		4 - 6		0 - 0.3	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 25		< 26		-		-		-		-		< 40	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 2.1		< 2.1		-		-		-		-		< 3.3	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	< 1.8		0.58	J	-		-		-		-		19	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	1760		9690		27200		39400		27800		14500		17400	
Moisture	SM2540	--	--	--	%	23		22		100		59		49		44		92	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons																			
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	< 250		< 280		9.2	J	< 150		**< 390**		**< 470**		**< 330**	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 2500		< 2800		< 3500		< 1500		39	J	< 4700		< 3300	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	59		110		120		30	J	130		7.4	J	130	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
4-Methylphenol	SW8270D	--	--	--	µg/kg	11	J	33	J	21	J	6.6	J	60	J	< 470		59	J
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	180		380		180		47		200		89	J	490	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	14	J	37	J	31	J	15	J	160		< 96		61	J
Acetophenone	SW8270D	--	--	--	µg/kg	< 500		< 560		< 700		< 310		16	J	< 960		< 680	
Anthracene	SW8270D	57.2	451	845	µg/kg	220		900		250		61		490		76	J	960	
Atrazine	SW8270D	--	--	--	µg/kg	< 500		< 560		< 700		< 310		< 790		< 960		< 680	
Benzaldehyde	SW8270D	--	--	--	µg/kg	22	J	33	J	20	J	18	J	52	J	31	J	26	J
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	310		820		480		120		950		71	J	2200	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	210		440		400		110		610		48	J	1800	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	280		700		490		130		760		64	J	1900	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	150		270		260		75		410		37	J	1300	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	110		210		210		51		260		26	J	700	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	140	J	310		250	J	70	J	380	J	29	J	1000	
Biphenyl	SW8270D	--	--	--	µg/kg	15	J	28	J	30	J	10	J	34	J	< 470		31	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	25	J	64	J	52	J	< 1500		110	J	< 4700		< 3300	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Caprolactam	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		64	J	< 1700	
Carbazole	SW8270D	--	--	--	µg/kg	52		76		110		19	J	76	J	< 96		470	
Chrysene	SW8270D	166	728	1290	µg/kg	330		970		560		120		1200		76	J	2000	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	33	J	74		91		43		170		< 96		350	
Dibenzofuran	SW8270D	150	365	580	µg/kg	94	J	270	J	170	J	42	J	130	J	9.1	J	180	J
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	810		2100		1000		270		2100		270		5400	
Fluorene	SW8270D	77.4	307	536	µg/kg	210		570		270		58		240		72	J	490	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	120		230		230		67		380		33	J	1100	
Isophorone	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Naphthalene	SW8270D	176	369	561	µg/kg	95		180		280		63		240		12	J	200	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 500		< 560		< 700		< 310		< 790		< 950		< 670	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 50		< 56		< 70		< 31		< 79		< 96		< 68	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 250		< 280		< 350		< 150		< 390		< 470		< 330	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
Phenanthrene	SW8270D	204	687	1170	µg/kg	810		2100		1100		160		880		340		4200	
Phenol	SW8270D	4200	8100	12000	µg/kg	< 250		< 280		< 350		2.2	J	< 390		< 470		< 330	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 1300		< 1400		< 1800		< 780		< 2000		< 2400		< 1700	
Pyrene	SW8270D	195	858	1520	µg/kg	840		2000		1100		230		1600		200		4500	
Metals																			
Aluminium	SW6010	--	--	--	mg/kg	8020		8690		8110		8490		7220		5680		5380	
Antimony	SW6010	2	13.5	25	mg/kg	< 6.4	U *	< 7.6	U *	< 5.5	U *	< 7.3	U *	< 8.4		< 9.7		< 6.5	
Arsenic	SW6010	9.8	21.4	33	mg/kg	3.6		4		4		3.1		3.9		2.5		3	
Barium	SW6010	--	--	--	mg/kg	63.9		83.1		57.2		69.2	*	63.4		45.6		42.7	
Beryllium	SW6010	--	--	--	mg/kg	0.39	J	0.39	J	0.37	J	0.31	J	0.36	J	0.3	J	0.3	J
Cadmium	SW6010	0.99	3	5	mg/kg	0.3	J	0.41	J	0.37	J	0.3	J	0.32	J	0.25	J	0.32	J
Calcium	SW6010	--	--	--	mg/kg	15700		13800		22100		10100	*	10300		13100		19900	
Chromium	SW6010	43	76.5	110	mg/kg	18.3		20.5		18.5		19	*	17.6		14.2		13.2	
Cobalt	SW6010	--	--	--	mg/kg	6.5		6.9		6.4		6.8		6.3	J	4.6	J	5.5	
Copper	SW6010	32	91	150	mg/kg	15		21.5		18.8		16.9		16		15.1		40.7	
Iron	SW6010	20000	30000	40000	mg/kg	17100		18300		16600		17800		15600		10600		12300	
Lead	SW6010	36	83	130	mg/kg	11.7	*	16.5	*	14.7	*	12.6		16.6		10.8		24	
Magnesium	SW6010	--	--	--	mg/kg	7530		7910		10500		6030	*	6660		5980		8710	
Manganese	SW6010	460	780	1100	mg/kg	423		422		425		535		349		208		251	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	< 0.15		0.07	J	0.051	J	< 0.15		0.058	J	< 0.19		0.072	J
Nickel	SW6010	23	36	49	mg/kg	16		17.2		16.6		16.3	*	15.4		12.5		13.5	
Potassium	SW6010	--	--	--	mg/kg	1030		1110		1090		1040		887		639	J	708	
Selenium	SW6010	--	--	--	mg/kg	< 3.7		0.83	J	0.65	J	< 4.3		< 4.9		< 5.7		< 3.8	
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.1		< 1.3		< 0.92		< 1.2		< 1.4		< 1.6		0.23	J
Sodiium	SW6010	--	--	--	mg/kg	255	J	266	J	286	J	227	J	221	J	179	J	208	J
Thallium	SW6010	--	--	--	mg/kg	< 2.8	U *	< 3.4	U *	< 2.8	U *	< 3.1	U *	< 3.5		< 4		< 2.7	
Vanadium	SW6010	--	--	--	mg/kg	31.3		32.3		31.9		27.8		29.2		24.1		24.2	
Zinc	SW6010	120	290	460	mg/kg	56.9		91.2		66.9		70.5	*	69.9		30.1		66.8	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-		-		-	
AVS/SEM																			
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-		-		-	
Polychlorinated Biphenyls																			
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		< 62		26	J	< 64		36	J
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		7	J	< 51		3.7	J	< 46	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		< 62		< 51		< 64		< 46	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		**7**		**26**		**4**		**36**	
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	N		N		N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-		-		-	
Dioxins																			
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-		-		-	
Pesticides																			
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-		-		-	
Organotins																			
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 2		< 1.9		1.6	J	-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM11		ND20-GM11		ND20-GM11		ND20-GM12		ND20-GM12		ND20-GM12		ND20-GM12	
					Sample ID	ND20-GM11-0320_07/01/2020		ND20-GM11-2040_07/01/2020		ND20-GM11-4060_07/01/2020		ND20-GM12-SURF_06/28/2020		ND20-GM12-0320_07/02/2020		ND20-GM12-2040_07/02/2020		ND20-GM12-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jul-01		2020-Jul-01		2020-Jun-28		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0.3 - 2		2 - 4		4 - 6		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**		**N**		**N**	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 31		< 31		< 27		-		-		-		-	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 2.6		< 2.5		< 2.3		-		-		-		-	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**< 2.3**		**< 2.2**		**5.3**		-		-		-		-	
Other																			
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**16800**		**25600**		**17300**		**23900**		**22700**		**41600**		**15100**	
Moisture	SM2540	--	--	--	%	**51**		**51**		**37**		**83**		**58**		**91**		**34**	
Moisture	D2216	--	--	--	%	-		-		-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
Polycyclic Aromatic Hydrocarbons															
1-Methylnaphthalene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
2-Methylnaphthalene	SOM02.2/SV SIM	20.2	111	201	µg/kg	-		-		-		-		-	
Acenaphthene	SOM02.2/SV SIM	6.7	48	89	µg/kg	-		-		-		-		-	
Acenaphthylene	SOM02.2/SV SIM	5.9	67	128	µg/kg	-		-		-		-		-	
Anthracene	SOM02.2/SV SIM	57.2	451	845	µg/kg	-		-		-		-		-	
Benzo (a) anthracene	SOM02.2/SV SIM	108	579	1050	µg/kg	-		-		-		-		-	
Benzo (a) pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-	
Benzo (b) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-	
Benzo (ghi) perylene	SOM02.2/SV SIM	170	1685	3200	µg/kg	-		-		-		-		-	
Benzo (k) fluoranthene	SOM02.2/SV SIM	240	6820	13400	µg/kg	-		-		-		-		-	
Benzo(e)pyrene	SOM02.2/SV SIM	150	800	1450	µg/kg	-		-		-		-		-	
C1-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C1-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C2-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Fluoranthenes/Pyrenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Fluorenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C3-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Chrysenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Naphthalenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
C4-Phenanthrenes/Anthracenes	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
Chrysene	SOM02.2/SV SIM	166	728	1290	µg/kg	-		-		-		-		-	
Dibenz (a,h) anthracene	SOM02.2/SV SIM	33	84	135	µg/kg	-		-		-		-		-	
Fluoranthene	SOM02.2/SV SIM	423	1327	2230	µg/kg	-		-		-		-		-	
Fluorene	SOM02.2/SV SIM	77.4	307	536	µg/kg	-		-		-		-		-	
Indeno (1,2,3-cd) pyrene	SOM02.2/SV SIM	200	1700	3200	µg/kg	-		-		-		-		-	
Naphthalene	SOM02.2/SV SIM	176	369	561	µg/kg	-		-		-		-		-	
Perylene	SOM02.2/SV SIM	--	--	--	µg/kg	-		-		-		-		-	
Phenanthrene	SOM02.2/SV SIM	204	687	1170	µg/kg	-		-		-		-		-	
Pyrene	SOM02.2/SV SIM	195	858	1520	µg/kg	-		-		-		-		-	
2,2'-Oxybis(1-Chloropropane)	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
2,4,5-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
2,4,6-Trichlorophenol	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
2,4-Dichlorophenol	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
2,4-Dimethyl Phenol	SW8270D	290	--	290	µg/kg	< 140		< 48		< 220		< 23		< 24	
2,4-Dinitrophenol	SW8270D	--	--	--	µg/kg	< 1400		< 480		< 2200		< 230		< 240	
2,4-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
2,6-Dinitrotoluene	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
2-Chloronaphthalene	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
2-Chlorophenol	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
2-Methylnaphthalene	SW8270D	20.2	111	201	µg/kg	**28**		9.5	J	**160**		< 4.8		< 4.8	
2-Methylphenol	SW8270D	6700	--	6700	µg/kg	< 140		< 48		< 220		< 23		< 24	
2-Nitroaniline	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		< 120	
2-Nitrophenol	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
3,3'-Dichlorobenzidine	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
3-Nitroaniline	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		< 120	
4,6-Dinitro-2-Methylphenol	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		< 120	
4-Bromodiphenyl ether	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
4-Chloro-3-methylphenol	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
4-Chlorodiphenyl ether	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
4-Methylphenol	SW8270D	--	--	--	µg/kg	< 140		< 48		39	J	< 23		< 24	
4-Nitrophenol	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		< 120	
Acenaphthene	SW8270D	6.7	48	89	µg/kg	**32**		**20**		**360**		< 4.8		< 4.8	
Acenaphthylene	SW8270D	5.9	67	128	µg/kg	14	J	5.5	J	36	J	< 4.8		< 4.8	
Acetophenone	SW8270D	--	--	--	µg/kg	< 280		< 98		< 450		< 48		1.6	J
Anthracene	SW8270D	57.2	451	845	µg/kg	**51**		**22**		**530**		< 4.8		< 4.8	
Atrazine	SW8270D	--	--	--	µg/kg	< 280		< 98		< 450		< 48		< 48	
Benzaldehyde	SW8270D	--	--	--	µg/kg	16	J	2.8	J	< 450		7.2	J	15	J
Benzo (a) anthracene	SW8270D	108	579	1050	µg/kg	**82**		**40**		**860**		< 4.8		< 4.8	
Benzo (a) pyrene	SW8270D	150	800	1450	µg/kg	**68**		**37**		**720**		< 4.8		< 4.8	
Benzo (b) fluoranthene	SW8270D	240	6820	13400	µg/kg	**94**		**44**		**810**		< 4.8		< 4.8	
Benzo (ghi) perylene	SW8270D	170	1685	3200	µg/kg	**53**		**27**		**440**		< 4.8		< 4.8	
Benzo (k) fluoranthene	SW8270D	240	6820	13400	µg/kg	**36**		**17**		**260**		< 4.8		< 4.8	
Benzo(e)pyrene	SW8270D	150	800	1450	µg/kg	50	J	24	J	**420**		< 23		< 24	
Biphenyl	SW8270D	--	--	--	µg/kg	7.8	J	2.6	J	40	J	0.67	J	0.81	J
bis(2-Chloroethoxy) Methane	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
Bis-(2-Chloroethyl) Ether	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
bis(2-Ethylhexyl)phthalate	SW8270D	--	--	--	µg/kg	< 1400		8	J	< 2200		10	J	< 240	
Butyl Benzyl Phthalate	SW8270D	--	--	--	µg/kg	12	J	< 48		< 220		< 23		< 24	
Caprolactam	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		6.8	J
Carbazole	SW8270D	--	--	--	µg/kg	14	J	5.4	J	**190**		< 4.8		< 4.8	
Chrysene	SW8270D	166	728	1290	µg/kg	**110**		**44**		**860**		< 4.8		< 4.8	
Dibenz (a,h) anthracene	SW8270D	33	84	135	µg/kg	15	J	7.4	J	**140**		< 4.8		< 4.8	
Dibenzofuran	SW8270D	150	365	580	µg/kg	33	J	16	J	190	J	< 23		< 24	
Diethyl Phthalate	SW8270D	610	855	1100	µg/kg	< 140		< 48		< 220		0.9	J	< 24	
Dimethyl Phthalate	SW8270D	530	--	530	µg/kg	< 140		< 48		< 220		< 23		< 24	
Di-n-Butylphthalate	SW8270D	2200	9600	17000	µg/kg	< 140		< 48		< 220		< 23		0.71	J
Di-n-Octyl phthalate	SW8270D	580	22790	45000	µg/kg	< 140		< 48		< 220		< 23		< 24	
Fluoranthene	SW8270D	423	1327	2230	µg/kg	**230**		**98**		**2400**		1.3	J	0.92	J
Fluorene	SW8270D	77.4	307	536	µg/kg	**51**		**29**		**370**		0.7	J	< 4.8	
Hexachlorobenzene	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
Hexachlorobutadiene	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
Hexachlorocyclopentadiene	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
Hexachloroethane	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
Indeno (1,2,3-cd) pyrene	SW8270D	200	1700	3200	µg/kg	**46**		**22**		**400**		< 4.8		< 4.8	
Isophorone	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
Naphthalene	SW8270D	176	369	561	µg/kg	**49**		**17**		**260**		< 4.8		< 4.8	
Nitrobenzene	SW8270D	--	--	--	µg/kg	< 280		< 98		< 450		< 47		< 48	
N-Nitroso-Di-N-Propylamine	SW8270D	--	--	--	µg/kg	< 28		< 9.8		< 45		< 4.8		< 4.8	
N-Nitrosodiphenylamine	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
P-Chloroaniline	SW8270D	--	--	--	µg/kg	< 140		< 48		< 220		< 23		< 24	
Pentachlorophenol	SW8270D	150	175	200	µg/kg	**< 710**		**< 250**		**< 1100**		< 120		< 120	
Phenanthrene	SW8270D	204	687	1170	µg/kg	**130**		**48**		**3100**		1.7	J	1.2	J
Phenol	SW8270D	4200	8100	12000	µg/kg	< 140		0.76	J	< 220		< 23		< 24	
P-Nitroaniline	SW8270D	--	--	--	µg/kg	< 710		< 250		< 1100		< 120		< 120	
Pyrene	SW8270D	195	858	1520	µg/kg	**150**		**68**		**2100**		< 4.8		< 4.8	
Metals															
Aluminium	SW6010	--	--	--	mg/kg	**6860**		**6340**		**7940**		**13900**		**12500**	
Antimony	SW6010	2	13.5	25	mg/kg	**< 6.9**		**< 6.1**	U *	**< 7.5**		**< 6.7**		**< 7.2**	
Arsenic	SW6010	9.8	21.4	33	mg/kg	**3**		**2.9**		**3.4**		**3.6**		**3.9**	
Barium	SW6010	--	--	--	mg/kg	**59.1**		**39**		**58.4**		**95**		**84.1**	
Beryllium	SW6010	--	--	--	mg/kg	0.34	J	0.28	J	0.44	J	**0.76**		**0.71**	
Cadmium	SW6010	0.99	3	5	mg/kg	0.26	J	0.18	J	0.43	J	0.26	J	0.28	J
Calcium	SW6010	--	--	--	mg/kg	**9200**		**5990**		**11200**		**18300**		**16600**	
Chromium	SW6010	43	76.5	110	mg/kg	**16.7**		**14.1**		**18.9**		**28.8**		**32.5**	
Cobalt	SW6010	--	--	--	mg/kg	**5.9**		**5.2**		**7.2**		**11.7**		**10.9**	
Copper	SW6010	32	91	150	mg/kg	**16.4**		**9.4**		**18.9**		**25.5**		**27.3**	
Iron	SW6010	20000	30000	40000	mg/kg	**14600**		**14000**		**17000**		**23300**		**21200**	
Lead	SW6010	36	83	130	mg/kg	**10.2**		**6.5**		**70.7**		**7.4**		**7**	
Magnesium	SW6010	--	--	--	mg/kg	**5670**		**4110**		**7400**		**14500**		**12600**	
Manganese	SW6010	460	780	1100	mg/kg	**425**		**461**	*	**302**		**588**		**521**	
Mercury	SW6010	0.18	0.64	1.1	mg/kg	0.052	J	< 0.15		0.13	J	< 0.14		< 0.14	
Nickel	SW6010	23	36	49	mg/kg	**14.3**		**12**		**17.2**		**28.5**		**28.3**	
Potassium	SW6010	--	--	--	mg/kg	**845**		**756**		**978**		**2040**		**1840**	
Selenium	SW6010	--	--	--	mg/kg	< 4.1		0.56	J	0.73	J	< 3.9		< 4.2	
Silver	SW6010	1.6	1.9	2.2	mg/kg	< 1.2		< 1		0.12	J	< 1.1		< 1.2	
Sodiium	SW6010	--	--	--	mg/kg	205	J	215	J	221	J	331	J	326	J
Thallium	SW6010	--	--	--	mg/kg	< 2.9		< 2.6	U *	< 3.1		< 2.8		< 3	
Vanadium	SW6010	--	--	--	mg/kg	**26.6**		**29.2**		**29.3**		**43.3**		**41.9**	
Zinc	SW6010	120	290	460	mg/kg	**50.9**		**35.2**		**92**		**47.3**		**40.8**	
Mercury	SW7470	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Aluminium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Antimony	ISM02	2	13.5	25	mg/kg	-		-		-		-		-	
Arsenic	ISM02	9.8	21.4	33	mg/kg	-		-		-		-		-	
Barium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Beryllium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Cadmium	ISM02	0.99	3	5	mg/kg	-		-		-		-		-	
Calcium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Chromium	ISM02	43	76.5	110	mg/kg	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**	
Cobalt	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Copper	ISM02	32	91	150	mg/kg	-		-		-		-		-	
Iron	ISM02	20000	30000	40000	mg/kg	-		-		-		-		-	
Lead	ISM02	36	83	130	mg/kg	-		-		-		-		-	
Magnesium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Manganese	ISM02	460	780	1100	mg/kg	-		-		-		-		-	
Mercury	ISM02	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Nickel	ISM02	23	36	49	mg/kg	-		-		-		-		-	
Potassium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Selenium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Silver	ISM02	1.6	1.9	2.2	mg/kg	-		-		-		-		-	
Sodiium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Thallium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Vanadium	ISM02	--	--	--	mg/kg	-		-		-		-		-	
Zinc	ISM02	120	290	460	mg/kg	-		-		-		-		-	
AVS/SEM															
Acid volatile sulfides	AVS_UM/G	--	--	--	mg/kg	-		-		-		-		-	
Acid volatile sulfides	AVS	--	--	--	mg/kg	-		-		-		-		-	
Cadmium	SW6010_SEM	0.99	3	5	mg/kg	-		-		-		-		-	
Copper	SW6010_SEM	32	91	150	mg/kg	-		-		-		-		-	
Lead	SW6010_SEM	36	83	130	mg/kg	-		-		-		-		-	
Nickel	SW6010_SEM	23	36	49	mg/kg	-		-		-		-		-	
Zinc	SW6010_SEM	120	290	460	mg/kg	-		-		-		-		-	
Mercury	SW7470_SEM	0.18	0.64	1.1	mg/kg	-		-		-		-		-	
Polychlorinated Biphenyls															
Aroclor 1016	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1221	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1232	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1242	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1248	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1254	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1260	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1262	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1268	SW8081	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1016	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1221	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1232	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1242	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1248	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1254	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1260	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1262	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aroclor 1268	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Total PCBs (NDs=0)	Calculated	60	368	676	µg/kg	-		-		-		-		-	
Volatile Organic Compounds (VOCs)															
1,1,1-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
1,1,2,2-Tetrachloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,1,2-Trichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,1-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,1-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,2,4-Trichlorobenzene	SW8260	8	13	18	µg/kg	-		-		-		-		-	
1,2-Dibromo3-chloropropane (DBCP)	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,2-Dibromoethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,2-Dichlorobenzene	SW8260	23	--	23	µg/kg	-		-		-		-		-	
1,2-Dichloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,2-Dichloropropane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
1,4-Dichlorobenzene	SW8260	31	60.5	90	µg/kg	-		-		-		-		-	
2-Butanone	SW8260	--	--	--	µg/kg	-		-		-		-		-	
2-Hexanone	SW8260	--	--	--	µg/kg	-		-		-		-		-	
4-Methyl-2-pentanone	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Acetone	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Benzene	SW8260	57	83.5	110	µg/kg	-		-		-		-		-	
Bromodichloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Bromoform	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Bromomethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Carbon Disulfide	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Carbon Tetrachloride	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Dichlorodifluoromethane (CFC-12)	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Chlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Chloroethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Chloroform	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Chloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
cis-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
cis-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Cyclohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Dibromochloromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Ethylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Isopropylbenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
m,p-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
M-Dichlorobenzene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Methyl Acetate	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Methyl tert-Butyl Ether	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Methylcylohexane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Methylene Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-	
o-Xylene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Styrene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Tetrachloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Toluene	SW8260	890	1345	1800	µg/kg	-		-		-		-		-	
trans-1,2-Dichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
trans-1,3-Dichloropropene	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Trichloroethene	SW8260	--	--	--	µg/kg	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	**Analytical Method**	**WI-WDNR-SE-INT-2003-TEC**	**WI-WDNR-SE-INT-2003-MEC**	**WI-WDNR-SE-INT-2003-PEC**	**Units**	**N**		**N**		**N**		**N**		**N**	
Trichlorofluoromethane	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Vinyl Chloride	SW8260	--	--	--	µg/kg	-		-		-		-		-	
Xylenes (total)	SW8260	25	37.5	50	µg/kg	-		-		-		-		-	
Dioxins															
1,2,3,4,6,7,8-HPCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,4,6,7,8-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,4,7,8,9-HPCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,4,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,4,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,6,7,8-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,7,8,9-HxCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,7,8,9-HxCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,7,8-PeCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
1,2,3,7,8-PeCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
2,3,4,6,7,8-HXCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
2,3,4,7,8-PECDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
2,3,7,8-TCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
2,3,7,8-TCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
OCDD	E1613B	--	--	--	pg/g	-		-		-		-		-	
OCDF	E1613B	--	--	--	pg/g	-		-		-		-		-	
Pesticides															
4,4'-DDD	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
4,4'-DDE	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
4,4'-DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Aldrin	SOM02.2	2	41	80	µg/kg	-		-		-		-		-	
alpha-BHC	SOM02.2	6	53	100	µg/kg	-		-		-		-		-	
alpha-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
beta-BHC	SOM02.2	5	108	210	µg/kg	-		-		-		-		-	
beta-Chlordane	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
delta-BHC	SOM02.2	3	62	120	µg/kg	-		-		-		-		-	
Dieldrin	SOM02.2	1.9	32	62	µg/kg	-		-		-		-		-	
Endosulfan I	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endosulfan II	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endosulfan Sulfate	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endrin	SOM02.2	2.2	104.6	207	µg/kg	-		-		-		-		-	
Endrin Aldehyde	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Endrin Ketone	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
gamma-BHC (Lindane)	SOM02.2	3	4	5	µg/kg	-		-		-		-		-	
Heptachlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Heptachlor Epoxide	SOM02.2	2.5	9.3	16	µg/kg	-		-		-		-		-	
Methoxychlor	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Total DDT	SOM02.2	--	--	--	µg/kg	-		-		-		-		-	
Toxaphene	SOM02.2	1	1.5	2	µg/kg	-		-		-		-		-	
Organotins															
Dibutyl Tin	RESTEK	--	--	--	µg/kg	< 2.2		< 1.9		< 1.8		< 1.8		< 1.8	

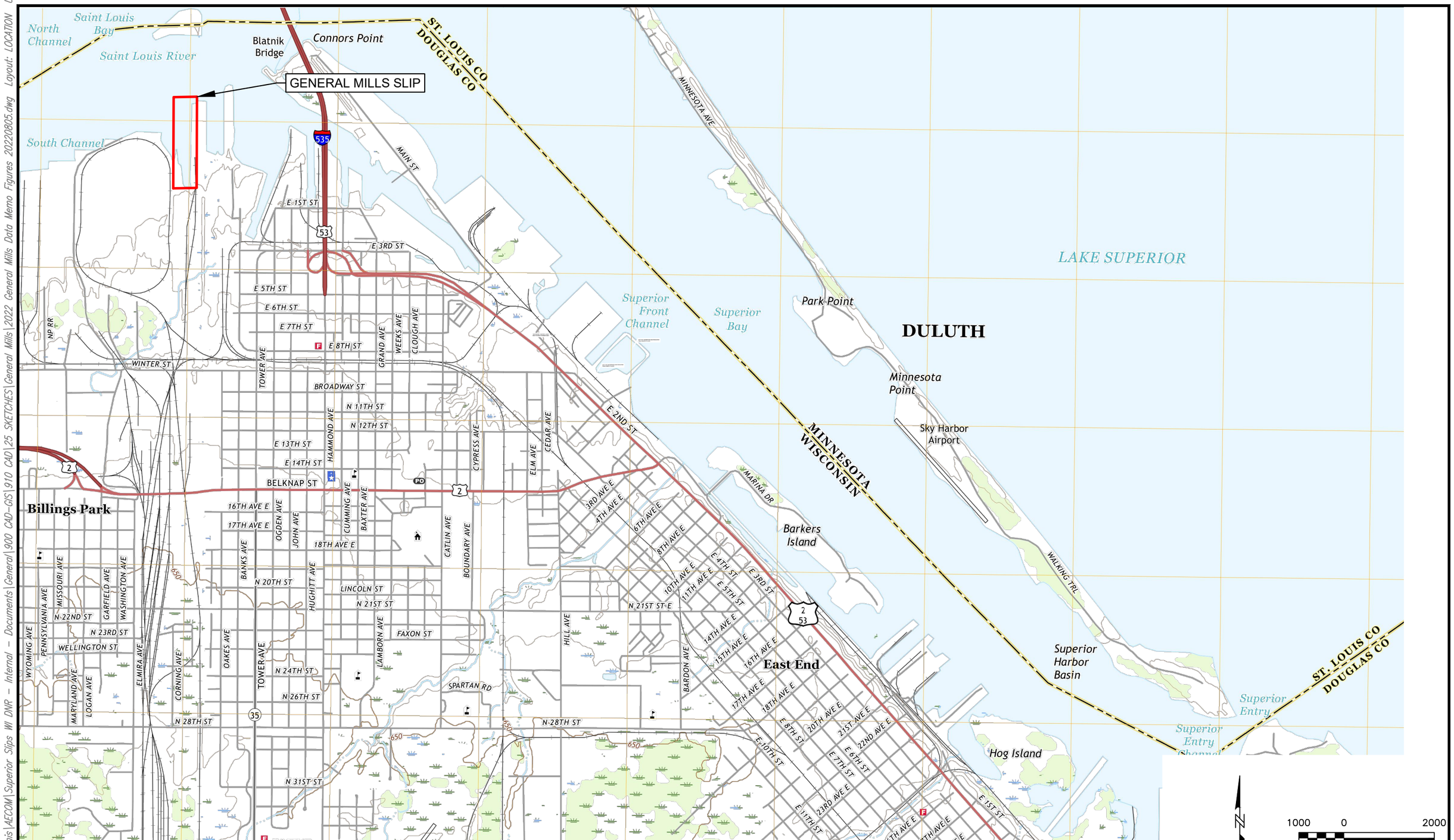
Table 2
Analytical Results
General Mills Slip - Superior, WI

					Location	ND20-GM13		ND20-GM14		ND20-GM14		ND20-GM14		ND20-GM14	
					Sample ID	ND20-GM13-SURF_07/01/2020		ND20-GM14-SURF_06/30/2020		ND20-GM14-0320_07/02/2020		ND20-GM14-2040_07/02/2020		ND20-GM14-4060_07/02/2020	
					Date	2020-Jul-01		2020-Jun-30		2020-Jul-02		2020-Jul-02		2020-Jul-02	
					Sample Depth (ftbss)	0 - 0.3		0 - 0.3		0.3 - 2		2 - 4		4 - 6	
Parameter	Analytical Method	WI-WDNR-SE-INT-2003-TEC	WI-WDNR-SE-INT-2003-MEC	WI-WDNR-SE-INT-2003-PEC	Units	N		N		N		N		N	
Dibutyltin as ion	RESTEK	--	--	--	µg/kg	-		-		-		-		-	
Monobutyltin as ion	RESTEK	--	--	--	µg/kg	< 34		< 29		< 29		< 29		< 29	
Tetrabutyl Tin	RESTEK	--	--	--	µg/kg	< 2.8		< 2.4		< 2.4		< 2.4		< 2.4	
Tributyltin hydride	RESTEK	0.52	1.73	2.94	µg/kg	**4.5**		**< 2.1**		**< 2.1**		**< 2.1**		**< 2.1**	
Other															
Total Organic Carbon	TOC	--	--	--	mg/kg	-		-		-		-		-	
Total Organic Carbon	SW9060	--	--	--	mg/kg	**18700**		**9640**		**17400**		**9490**		**13700**	
Moisture	SM2540	--	--	--	%	**67**		**46**		**35**		**42**		**45**	
Moisture	D2216	--	--	--	%	-		-		-		-		-	
Solids, Total	E160.3	--	--	--	%	-		-		-		-		-	

Table 2
Analytical Results
General Mills Slip - Superior, WI

Footnotes:
< : Denotes concentration less than indicated detection limit
< with concentration underlined: Denotes concentration was less than indicated detection limit, but above one or more comparison criteria.
Bold = analyte detected above laboratory reporting limit.
Highlighted Yellow = Exceeds one or more WDNR -Consensus-Based Sediment Quality Guidelines. Interim Guidance. December 2003. (TEC, MEC or PEC)
WI-WDNR-SE-INT-2003-TEC = WDNR -Consensus-Based Sediment Quality Guidelines. Interim Guidance. December 2003. (TEC-threshold effect concentration)
WI-WDNR-SE-INT-2003-MEC = WDNR -Consensus-Based Sediment Quality Guidelines. Interim Guidance. December 2003. MEC-midpoint effect concentration)
WI-WDNR-SE-INT-2003-PEC = WDNR -Consensus-Based Sediment Quality Guidelines. Interim Guidance. December 2003.(PEC-probable effect concentration).
MDL = Method detection limit.
N = Sample type is a normal sample.
FD = Sample type is a field duplicate sample.
"-" = Not analyzed
"--" = No Standard/Guideline
PCB = Polychlorinated Biphenyls
SVOC = Semivolatile Organic Compound
ng/g = nanogram per gram (same as µg/kg)
µg/kg = microgram per kilogram
mg/kg = milligrams per kilograms
ft bss: feet below sediment surface
% = percent
AVS = Acid Volatile Sulfide
SEM = Simultaneously Extractable Metals
* = Post-digestion spike at 2 times the parent concentration.
B = Analyte was detected above the method detection limit in the method blank.
D = Surrogate value being reported is from a diluted analysis and the results will be considered diluted.
E B = Result is above the upper calibration limit. The analyte was detected above the MDL in the method blank.
The concentration is an estimated value.
J* = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte, but may be biased high.
J B = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte. The analyte was detected above the MDL in the method blank.
P = Results are flagged if the percent difference of the concentrations between the 2 columns is greater than 25%.
U* = Indicates the analyte was analyzed but was not detected above the MDL.
Definions for JF1, JP, and N flags were not found.

Figures



AECOM

SUPERIOR SLIPS WISCONSIN DNR SUPERIOR, WISCONSIN		**USGS SITE LOCATION MAP**
DATE: 08/05/2022	DRWN: JLL/SAP	**FIGURE 1**

VICINITY MAP

Legend

- 2021 Site Investigation Report
- 2016 Site Characterization Report
- Sediment Characterization and Survey Area

Image Source: Douglas County
Image Date: 2022

N

0 125 250 500

Feet

AECOM

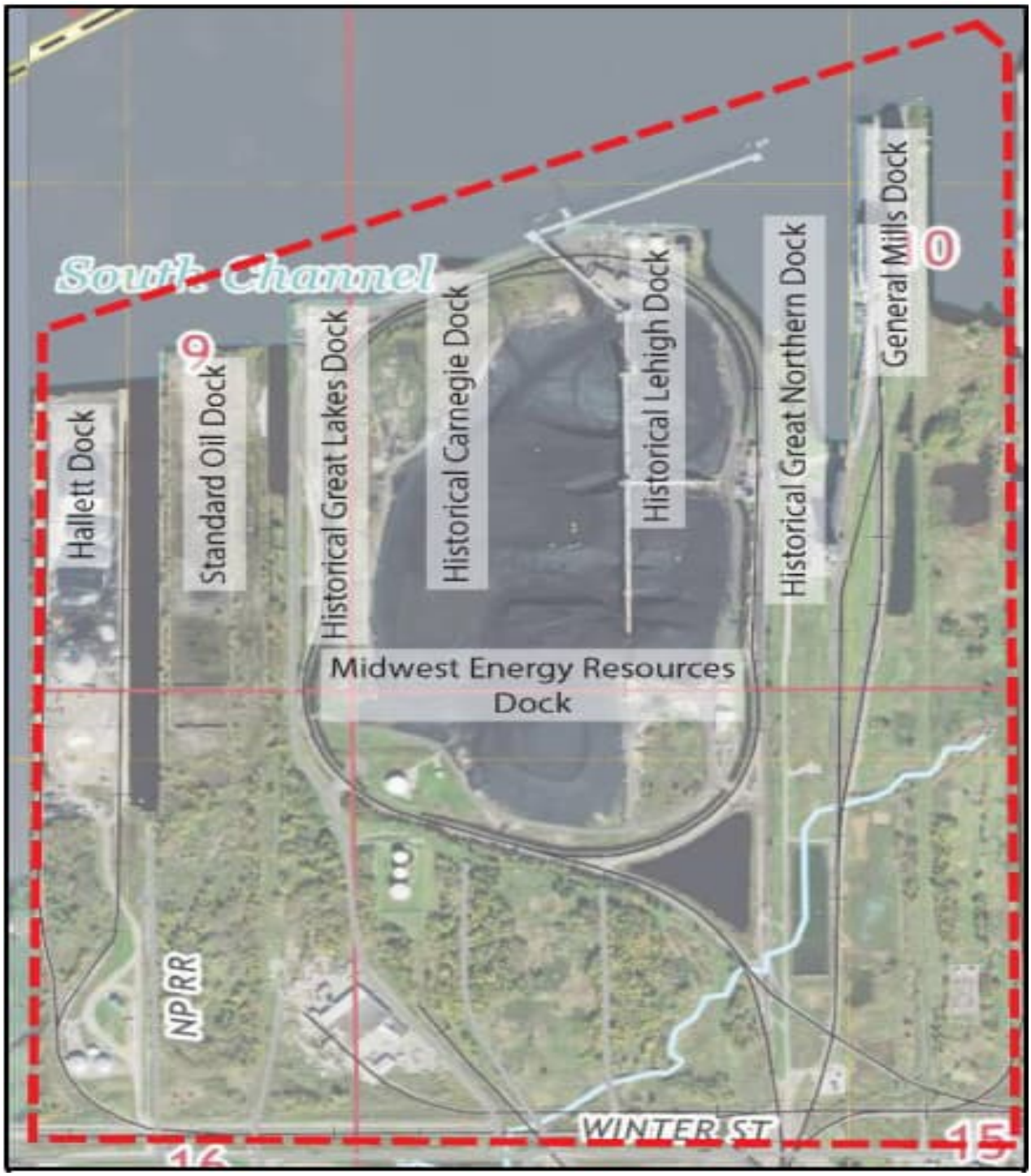
Title:	**Sample Locations General Mills Slip**
Project:	Superior Slips Superior, Wisconsin
Client:	Wisconsin DNR
File Name:	Sample Location Map Gen Mills Slip.mxd

Project No.:	Date:	Figure:
60685299	8/3/2022	2

Path: L:\DCS\GIS\Projects\Superior\MXD\Sample Location Map Gen Mills Slip.mxd

Appendix A Sigma 2019 Historic Records Screening Report, Winter North Task Area-Historical Dock Locations

Appendix A
Historical Dock Location
General Mills, Superior, WI



This figure was taken from the Sigma 2019, *Historic Records Screening Report, Winter North Task Area.*

Appendix B October 1999 Site Investigation Report Midwest Energy Backup Generator Site-Figures and Data Tables

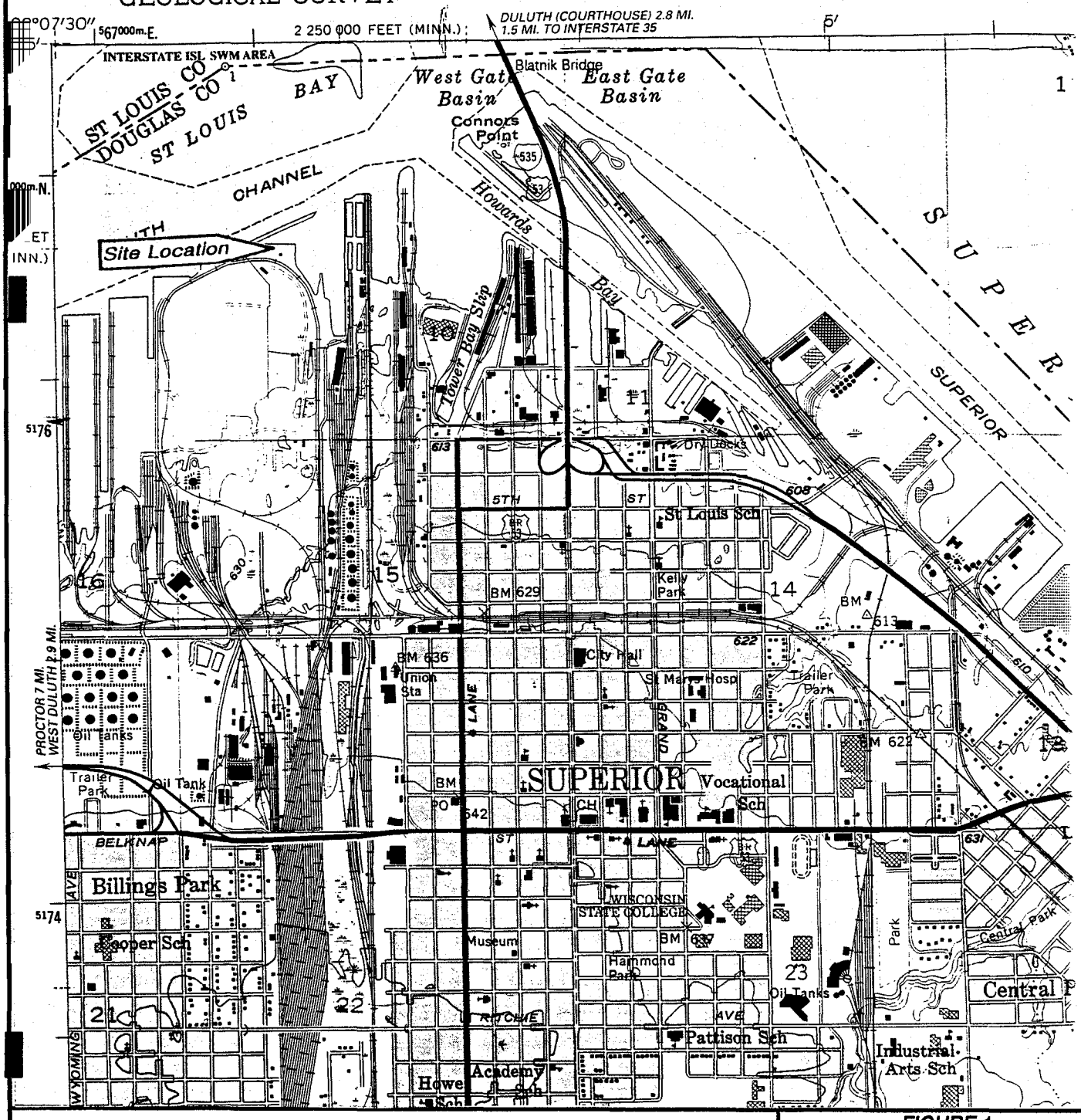
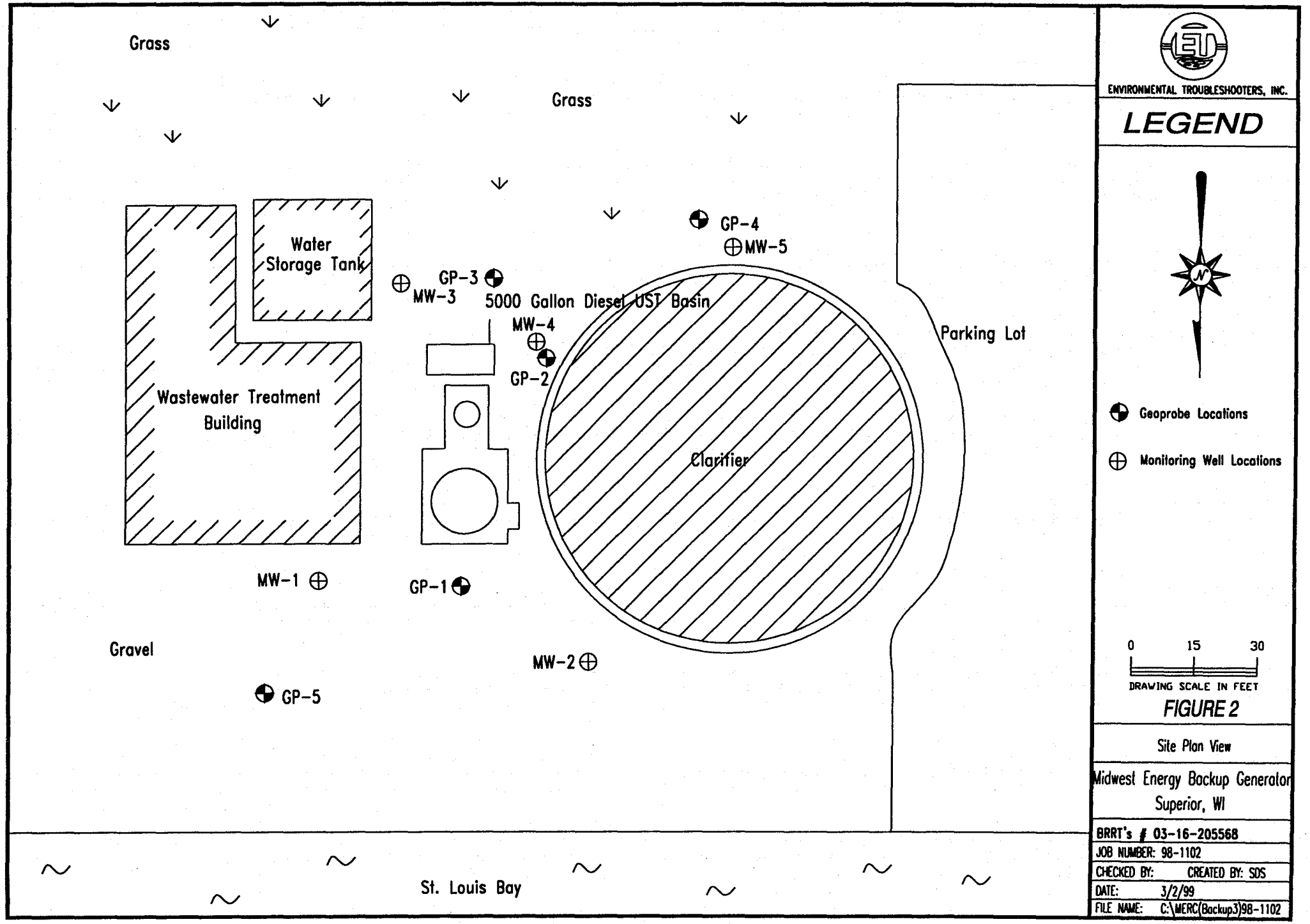


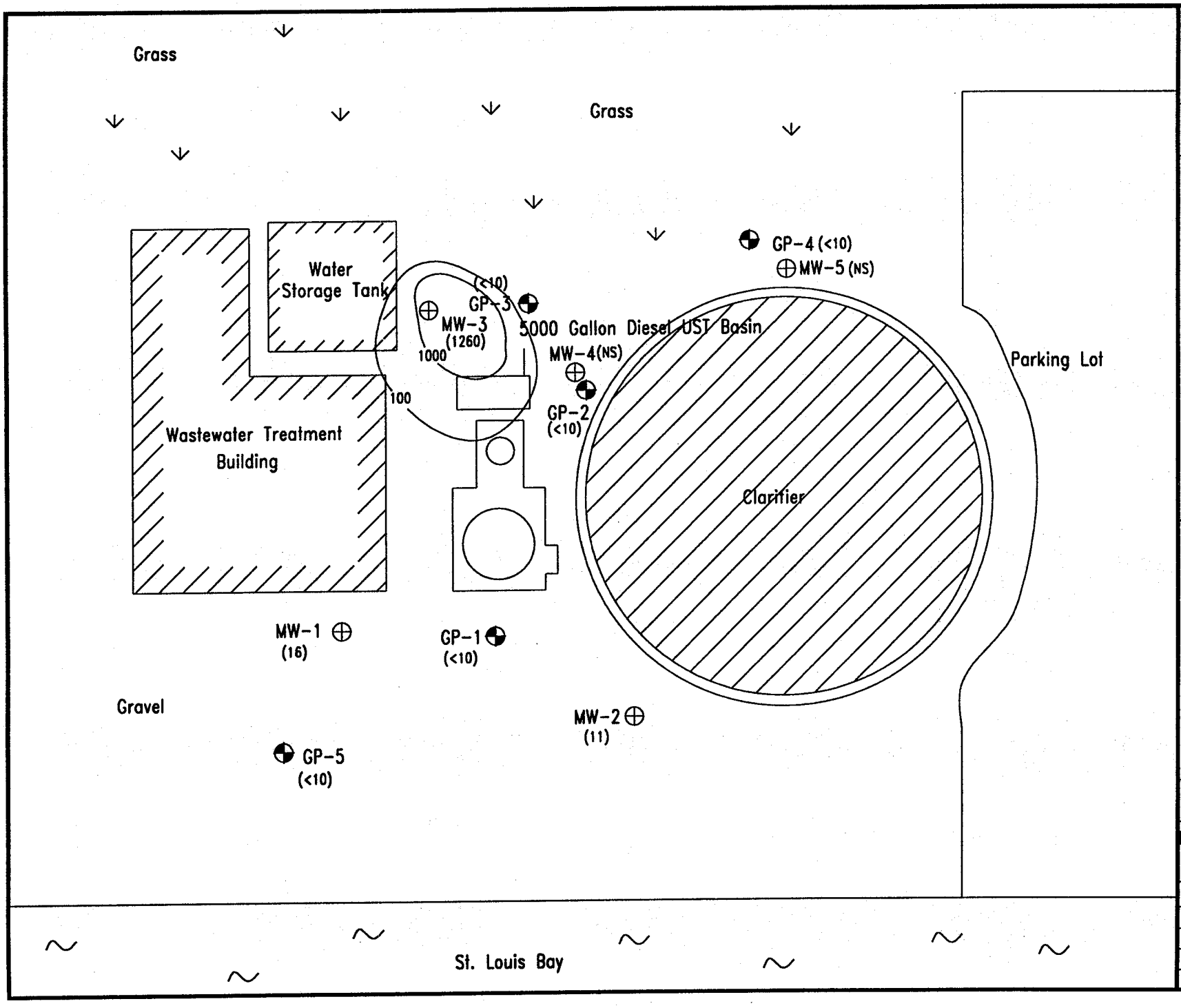
FIGURE 1

Site Location Map

Midwest Energy Back-up Generator
Superior, WI

JOB NUMBER:	98-1102
CHECKED BY:	
DATE:	09-30-99
FILE NAME:	C:\backup98-1102(fig1)


Grass
Grass
Water Storage Tank
Wastewater Treatment Building
GP-3
MW-3
5000 Gallon Diesel UST Basin
MW-4
GP-2
GP-4
MW-5
Parking Lot
Clarifier
MW-1
GP-1
MW-2
Gravel
GP-5
St. Louis Bay
ENVIRONMENTAL TROUBLESHOOTERS, INC.
LEGEND
Geoprobe Locations
Monitoring Well Locations
0
15
30
DRAWING SCALE IN FEET
FIGURE 2
Site Plan View
Midwest Energy Backup Generator
Superior, WI
BRRT's # 03-16-205568
JOB NUMBER: 98-1102
CHECKED BY:
CREATED BY: SDS
DATE: 3/2/99
FILE NAME: C:\MERC(Backup3)98-1102



ENVIRONMENTAL TROUBLESHOOTERS, INC.

LEGEND

- Geoprobe Locations
- Monitoring Well Locations
- ( ) Soil-DRO Concentration (ppm)
- NS Not Sampled
- 100 Isoconcentration Contours

Note: The WDNR Generic RCL for DRO in soil is 100 ppm.

0 15 30

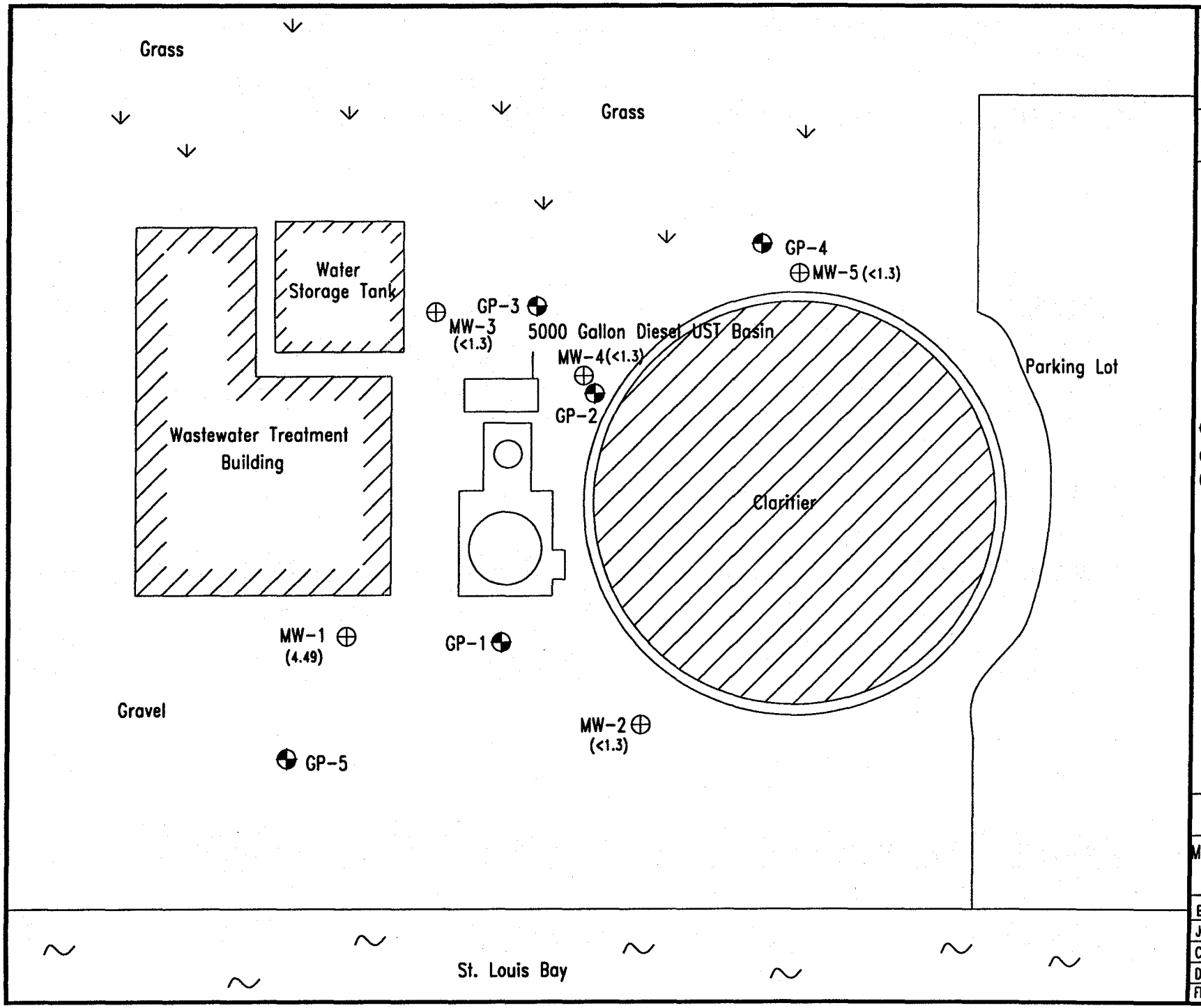
DRAWING SCALE IN FEET

FIGURE 5

Soil-DRO Distribution Map

Midwest Energy Backup Generator
Superior, WI

BRRT's #	03-16-205568
JOB NUMBER:	98-1102
CHECKED BY:	CREATED BY: JMG
DATE:	09-30-99
FILE NAME:	C:\MERC(Backup5)98-1102



ENVIRONMENTAL TROUBLESHOOTERS, INC.

LEGEND

- Geoprobe Locations
- Monitoring Well Locations
- ( ) Groundwater-Naphthalene Concentration (ppb)

Note: The WDNR Preventative Action Limit for Naphthalene is 8 ppb.

0 15 30

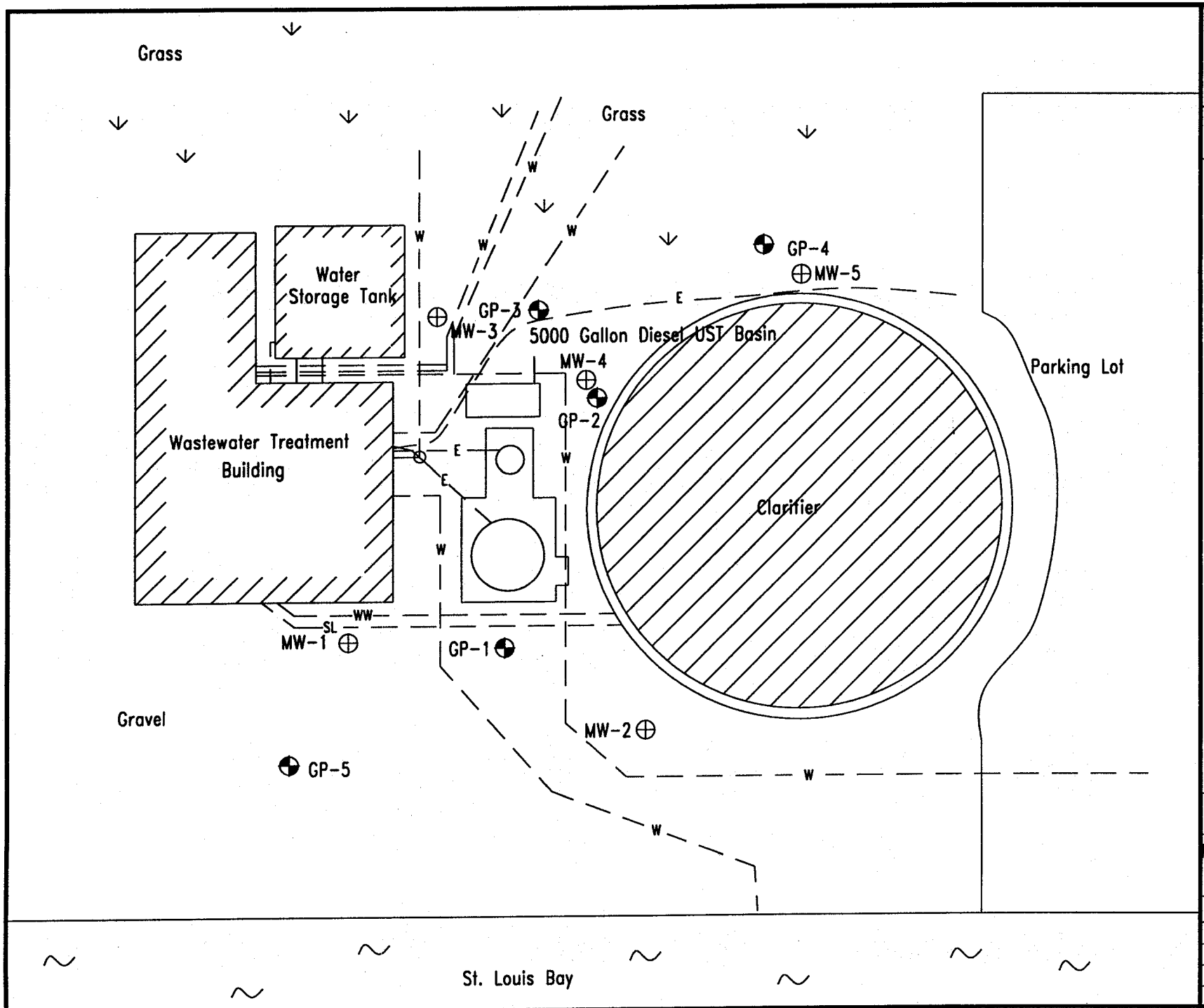
DRAWING SCALE IN FEET

FIGURE 6

Groundwater-Naphthalene Distribution Map 09-01-99

Midwest Energy Backup Generator
Superior, WI

BRRT's #	03-16-205568
JOB NUMBER:	98-1102
CHECKED BY:	CREATED BY: JMG
DATE:	09-30-99
FILE NAME:	C:\MERC(Backup6)98-1102



ENVIRONMENTAL TROUBLESHOOTERS, INC.

LEGEND

Geoprobe Locations

Monitoring Well Locations

Buried Lines
--W-- Water Line
--WW-- Waste Water
--SL-- Sludge
--E-- Electric

Note: All Utility Locations Approximate

0 15 30

DRAWING SCALE IN FEET

FIGURE 8

Site Utility Map

Midwest Energy Backup Generator
Superior, WI

BRRT's #	03-16-205568
JOB NUMBER:	98-1102
CHECKED BY:	CREATED BY: JMG
DATE:	09-30-99
FILE NAME:	C:\MERC(Backup8)98-1102

Table 2

Soil Laboratory Analytical Results

MERC Backup Generator

Superior, Wisconsin

Well No.	Sample Date	Benzene	Toluene	Ethyl-benzene	total Xylenes	Naphthalene	MTBE	TMBs	DRO (ppm)
Residual Contaminant Level		5.5	1500	2900	4100	No standard	No standard	No standard	100
Tank removal soil samples:									
S-1	11/6/98	35	150	356	780	NS	70.5	2638	560
R-1	11/6/98	<13	24.9	31.4	40.2	NS	146	67.7	17
R-3	11/6/98	53.9	187	569	1550	NS	126	4780	1,890
Geoprobe soil samples:									
GP-1 6-8'	2/16/99	<13	<10	<10	<22	<33	<8	<23	<10
GP-1 14-16'	2/16/99	<13	<10	<10	<22	<33	47.9	<23	<10
GP-2 8-10'	2/16/99	<13	<10	<10	<22	<33	45.7	<23	<10
GP-2 12-14'	2/16/99	<13	<10	<10	<22	<33	<8	<23	<10
GP-3 6-8'	2/16/99	<13	<10	<10	<22	NS	<8	<23	<10
GP-3 18-20'	2/16/99	<13	<10	<10	<22	NS	48	<23	<10
GP-4 4-6'	2/16/99	<13	<10	<10	<22	NS	137	<23	<10
GP-4 14-16'	2/16/99	<13	<10	<10	<22	NS	<8	<23	<10
GP-5 6-8'	2/16/99	<13	<10	<10	<22	NS	<8	<23	<10
GP-5 14-16'	2/16/99	<13	<10	<10	<22	NS	<8	<23	<10
Monitoring wells soil samples:									
MW-1 4-6'	4/22/99	<13	<10	<10	<22	NS	3650	157.22	16
MW-2 6-8'	4/22/99	<13	<10	<10	<22	NS	66.3	518.3	11
MW-3 4-6'	4/22/99	<13	48.7	388	435	100	240	638	1,260
MW-3 10-12'	4/22/99	<13	<10	<10	<22	<65	77	<23	<10

< = concentration less than the indicated method detection limit

Concentrations in micrograms per kilogram (ug/kg) [equivalent to parts per billion], except where noted

DRO = diesel range organics MTBE = methyl t-butyl ether TMB = trimethylbenzenes

NS = Not Sampled MEK = methyl ethyl ketone

Table 2 continued
Soil Laboratory Analytical Results
MERC Backup Generator
Superior, Wisconsin

Boring No.	Sample Date	Acenaphthene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene
Residual Contaminant Level		120	12000	8600	11000	27	750	190	480
Geoprobe Soil Samples									
GP-1 6-8'	2/16/99	<0.033	<0.022	<0.007	<0.009	<0.0043	<0.003	<0.006	<0.006
GP-1 14-16'	2/16/99	<0.033	<0.022	<0.007	<0.009	<0.0043	<0.003	<0.006	<0.006
GP-2 8-10'	2/16/99	<0.033	<0.022	**0.025**	<0.009	<0.0043	**0.005**	**0.006**	<0.006
GP-2 12-14'	2/16/99	<0.033	<0.022	<0.007	<0.009	<0.0043	<0.003	<0.006	<0.006
Monitoring Well Soil Samples									
MW-3 4-6'	4/22/99	**0.17**	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063
MW-3 10-12'	4/22/99	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065

Boring No.	Sample Date	Chrysene	Dibenzo(a,h) anthracene	Fluorene	Indeno (1,2,3-ed) pyrene	Acenaphthylene	Naphthalene	Benzo (g,h,l) perylene	Phenanthrene
Residual Contaminant Level		3.7	70	210	490	1.5	0.44	6900	7.6
Geoprobe Soil Samples									
GP-1 6-8'	2/16/99	<0.005	<0.010	<0.007	<0.014	<0.033	<0.033	<0.025	<0.021
GP-1 14-16'	2/16/99	<0.005	<0.010	<0.007	<0.014	<0.033	<0.033	<0.025	<0.021
GP-2 8-10'	2/16/99	<0.005	<0.010	<0.007	<0.014	<0.033	<0.033	<0.025	**0.030**
GP-2 12-14'	2/16/99	<0.005	<0.010	<0.007	<0.014	<0.033	<0.033	<0.025	<0.021
Monitoring Well Soil Samples									
MW-3 4-6'	4/22/99	<0.063	<0.063	**0.35**	<0.063	<0.063	**0.10**	<0.063	**0.49**
MW-3 10-12'	4/22/99	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065

< = concentration less than the indicated method detection limit
Concentrations in milligrams per kilogram (mg/kg) [equivalent to parts per million]
Residual Contaminant Level standards are based on WDNR Interim Guidance, based on groundwater pathway

Table 3

Ground Water Laboratory Analytical Results

MERC Backup Generator

Superior, Wisconsin

Well No.	Sample Date	Benzene	Toluene	Ethyl-benzene	total Xylenes	Naphthalene	MTBE	TMBs	MEK	Tetrahyrofuran	DRO
Enforcement Standard		5	343	700	620	40	60	480	460	50	None
Preventative Action Limits		0.5	68.6	140	124	8	12	96	90	10	None
GP-1 W	2/16/99	NS	NS	NS	NS	NS	NS	NS	NS	NS	<100
GP-3 W	2/16/99	<0.5	<0.4	<0.4	<1.5	NS	<0.8	<0.9	NS	NS	175
GP-4 W	2/16/99	<0.5	<0.4	<0.4	<1.5	NS	<0.8	<0.9	NS	NS	<100
MW-1	6/2/99	<0.5	<0.4	<0.4	4.31	2.66	<0.3	12.3	67.3	**251**	2490
	9/1/99	<1.0	<1.1	<1.2	<3.7	4.49	<0.61	<2.4	NS	NS	5420
MW-2	5/18/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	<0.28	<0.6	<100
	9/1/99	<1.0	<1.1	<1.2	<3.7	<1.3	<0.61	<2.4	NS	NS	<100
MW-3	5/18/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	<0.28	<0.6	401
	9/1/99	<1.0	<1.1	<1.2	<3.7	<1.3	6.81	<2.4	NS	NS	1900
MW-4	5/18/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	<0.28	<0.6	383
	9/1/99	<1.0	<1.1	<1.2	<3.7	<1.3	<0.61	<2.4	NS	NS	547
MW-5	5/18/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	<0.28	<0.6	<100
	9/1/99	<1.0	<1.1	<1.2	<3.7	<1.3	<0.61	<2.4	NS	NS	<100

Note: All groundwater samples were also analyzed for PAHs; with no detections in any well.

Concentrations in micrograms per liter (ug/l) [equivalent to parts per billion]

< = concentration less than the indicated method detection limit

Bolded values are in excess of preventative action limits

Shaded values are in excess of enforcement standards

DRO = diesel range organics

MTBE = methyl t-butyl ether

TMB = trimethylbenzenes

NA = Not Analyzed

MEK = methyl ethyl ketone

Appendix C 1999 Site Characterization Report Midwest Energy UST Fueling Site-Figures and Data Tables

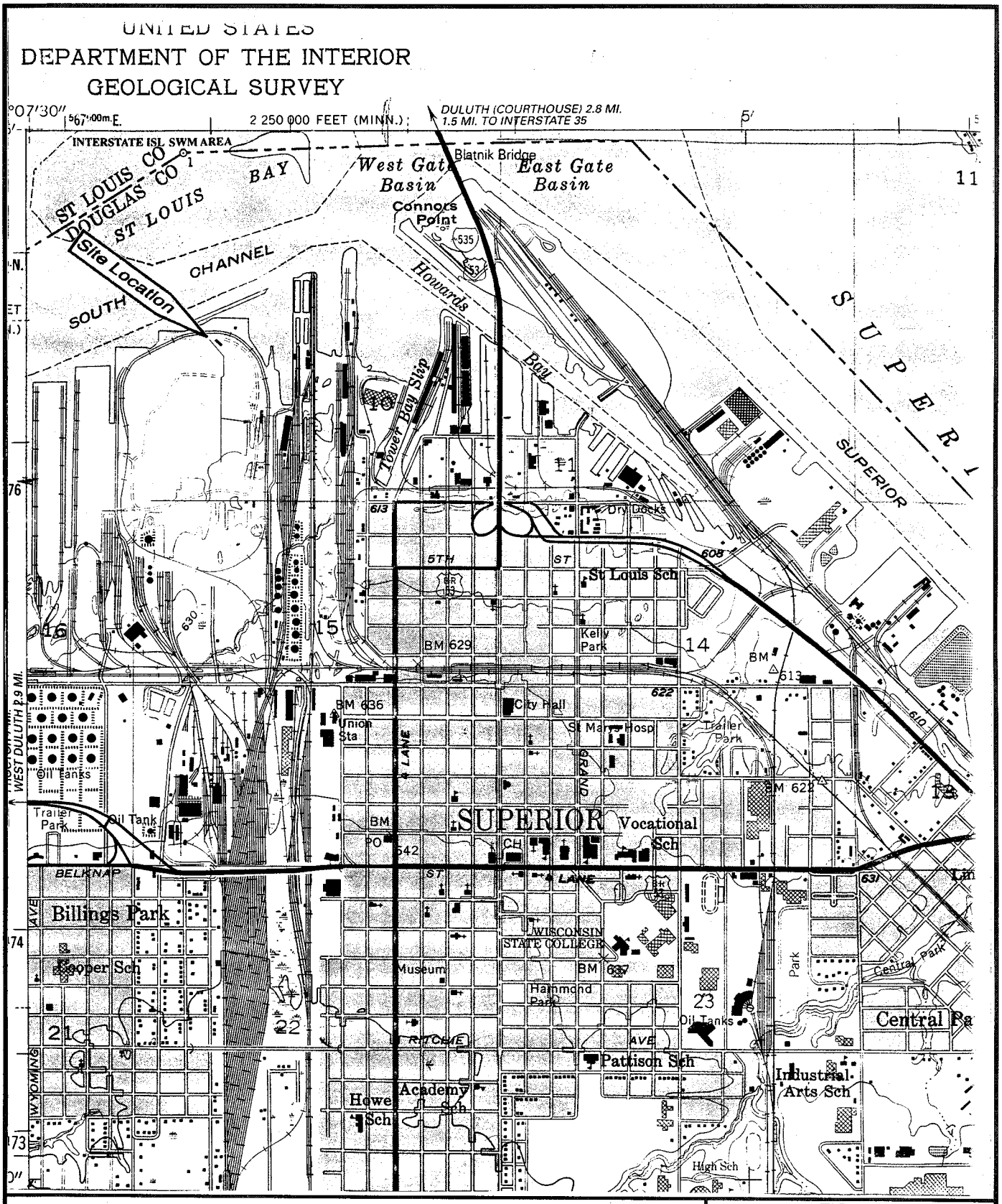
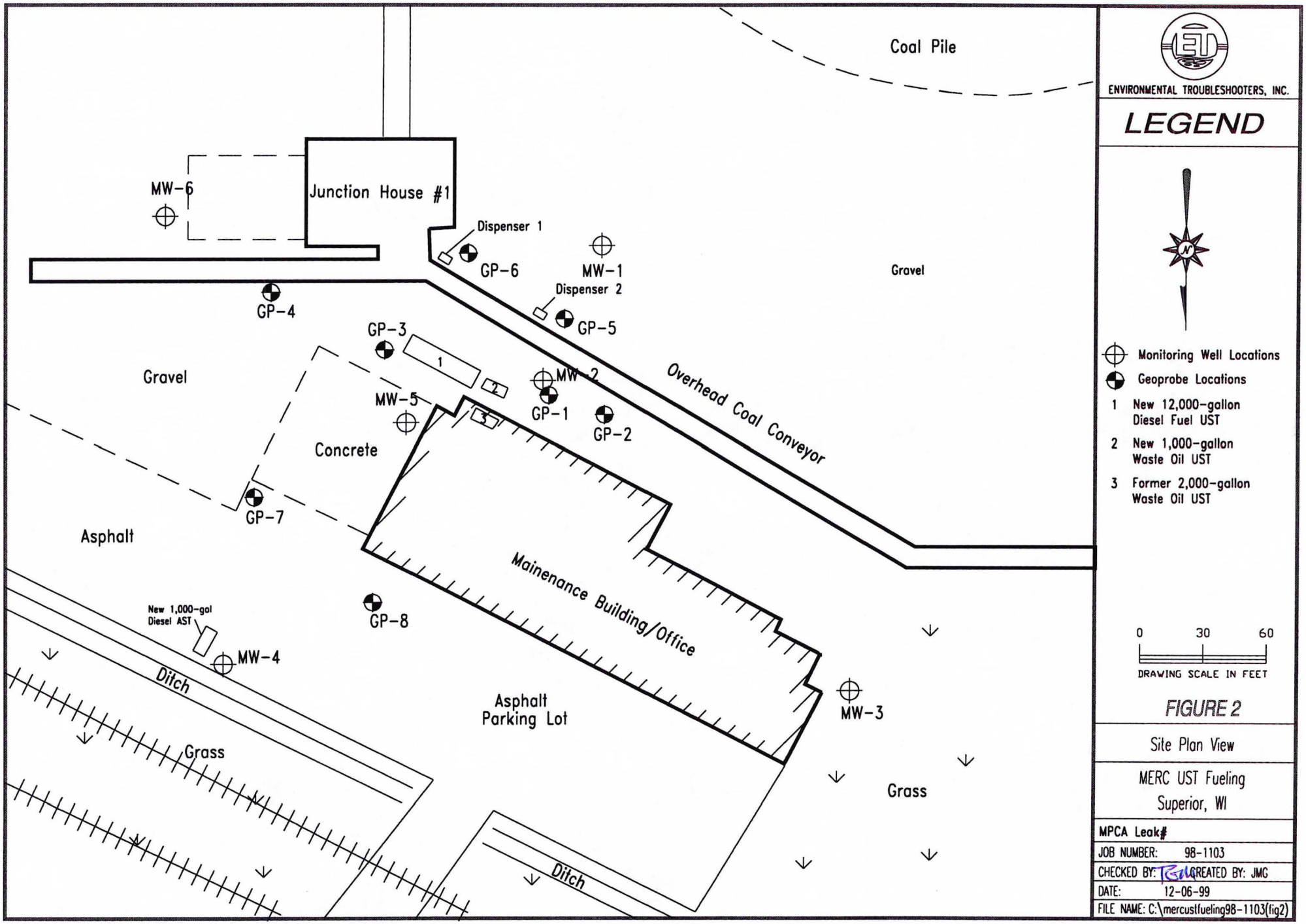


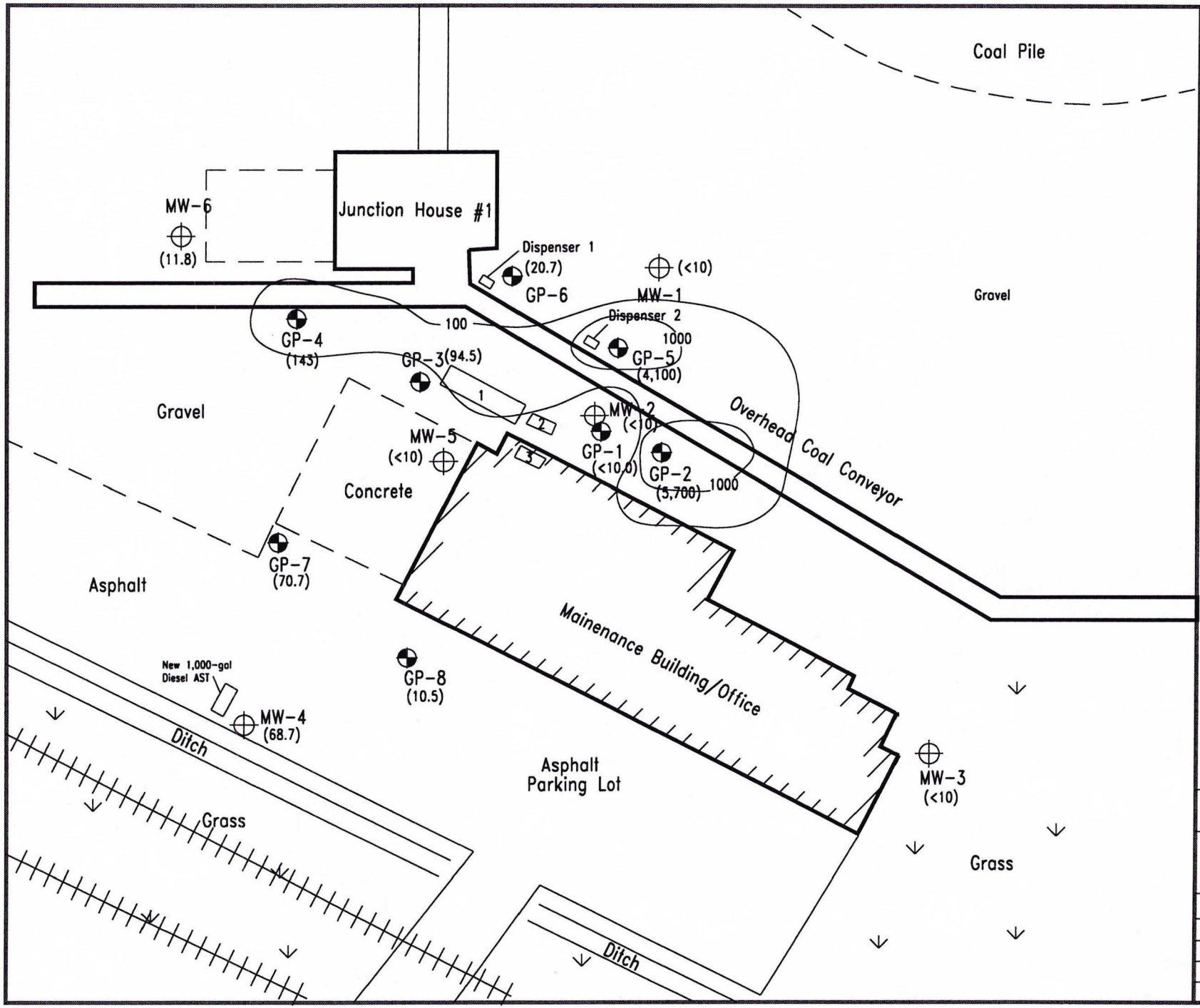
FIGURE 1

Site Location Map

MERC UST Fueling
Superior, WI

99-1103	
CHECKED BY: TBM	CREATED BY: JMG
DATE: 12-06-99	
FILE NAME: C:\MERCUST\fueling98-1103(fig1)	


Coal Pile
Junction House #1
MW-6
Dispenser 1
GP-6
MW-1
Gravel
Dispenser 2
GP-5
GP-4
GP-3
Gravel
MW-2
MW-5
GP-1
GP-2
Overhead Coal Conveyor
Concrete
GP-7
Asphalt
Mainenance Building/Office
New 1,000-gal Diesel AST
MW-4
GP-8
Ditch
Asphalt Parking Lot
MW-3
Grass
Grass
Ditch
ENVIRONMENTAL TROUBLESHOOTERS, INC.
LEGEND
Monitoring Well Locations
Geoprobe Locations
1 New 12,000-gallon Diesel Fuel UST
2 New 1,000-gallon Waste Oil UST
3 Former 2,000-gallon Waste Oil UST
0 30 60
DRAWING SCALE IN FEET
FIGURE 2
Site Plan View
MERC UST Fueling
Superior, WI
MPCA Leak#
JOB NUMBER: 98-1103
CHECKED BY: TGL CREATED BY: JMG
DATE: 12-06-99
FILE NAME: C:\mercustfueling98-1103(fig2)



ENVIRONMENTAL TROUBLESHOOTERS, INC.

LEGEND

- Monitoring Well Locations
- Geoprobe Locations
- 1 New 12,000-gallon Diesel Fuel UST
- 2 New 1,000-gallon Waste Oil UST
- 3 Former 2,000-gallon Waste Oil UST
- (<10) Soil-DRO Concentration (ppm)
- 100 Isoconcentration Contour

0 30 60

DRAWING SCALE IN FEET

FIGURE 5

Soil-DRO Distribution Map

MERC UST Fueling
Superior, WI

MPCA Leak#	
JOB NUMBER:	98-1103
CHECKED BY:	CREATED BY: JMG
DATE:	12-06-99
FILE NAME:	C:\mercustfueling98-1103(fig5)

Table 2

Soil Laboratory Analytical Results

MERC UST Fueling Site

Superior, Wisconsin

Sample Location	Sample Date	Benzene	Toluene	Ethyl-benzene	total Xylenes	Naphthalene	MTBE	TMBs	Lead (ppm)	DRO (ppm)
Residual contaminant lev		5.5	1500	2900	4100	No standard	No standard	No standard	500	100
MERC 1,000 gallon/waste oil UST										
S-1 junction @ pipe	11/6/98	**39.3**	73.3	46.9	37.2	NS	63.9	92.6	NS	27
MERC 12,000 gallon diesel UST										
R-1 closed to 12,000	11/9/98	**26**	64.2	64.8	171	NS	47.2	328	NS	**116**
R-2 near end of shed	11/9/98	**3640**	**4320**	**15,800**	**45,400**	NS	<200	116,100	NS	**21,000**
Geoprobe Samples										
GP-1 14-16'	2/17/99	<13	<10	<10	<22	NS	<8	<23	NS	<10
GP-1 4-6'	2/17/99	<13	<10	<10	<22	NS	<8	254	NS	<10
GP-2 2-4'	2/17/99	<1.3	<1.0	<1.0	<2.1	17,300*	<0.8	17,740	135	**5700**
GP-2 22-24'	2/17/99	<1.3	<1.0	<1.0	<2.1	125*	<0.8	157.9	<10	<10
GP-3 4-6'	2/17/99	<13	<10	<10	<22	NS	57.5	<23	NS	**94.5**
GP-3 14-16'	2/17/99	<13	<10	<10	<22	NS	<8	1060	NS	<10
GP-4 2-4'	2/17/99	**15.6**	55.5	96.7	328	NS	1790	1247	NS	**143**
GP-4 14-16'	2/17/99	<13	<10	<10	<22	NS	<8	<23	NS	<10
GP-5 2-4'	2/17/99	**53.5**	265	460	1480	NS	89.7	6690	NS	**4100**
GP-5 14-16'	2/17/99	<13	<10	<10	<22	NS	<8	<23	NS	<10

Table 2 Continued

Soil Laboratory Analytical Results

MERC UST Fueling Site

Superior, Wisconsin

Sample Location	Sample Date	Benzene	Toluene	Ethyl-benzene	total Xylenes	Naphthalene	MTBE	TMBs	Lead (ppm)	DRO (ppm)
Residual contaminant lev		5.5	1500	2900	4100	No standard	No standard	No standard	500	100
GP-6 6-8'	2/17/99	<13	<10	<10	<22	NS	102	204.2	NS	20.7
GP-6 14-16'	2/17/99	<13	<10	<10	<22	NS	357	<23	NS	<10
GP-7 0-2'	2/17/99	110	<10	<10	<22	NS	<8	<23	NS	70.7
GP-8 2-4'	2/17/99	<13	<10	<10	<22	NS	153	<23	NS	10.5
GP-8 10-12'	2/17/99	<13	<10	<10	<22	NS	<8	<23	NS	<10
Monitoring Well Soil Samples										
MW-1 18-20'	6/9/99	<13	<10	<10	<10	NS	231	482	NS	<10
MW-2 18-20'	6/9/99	<13	<10	<10	<10	NS	125	<23	NS	<10
MW-3 10-12'	6/9/99	<13	<10	<10	36.3	NS	313	70.8	NS	<10
MW-4 2.5-5'	6/14/99	<13	<10	<10	<22	NS	<8	<23	NS	68.7
MW-5 10-12.	6/14/99	<13	<10	<10	<22	<66	96.4	<23	NS	<10
MW-6 5-7.5'	6/14/99	<13	<10	<10	<22	NS	24.3	<23	NS	11.8

Note: All concentration in ug/kg (parts per billion) unless otherwise noted.

* Naphthalene value reported is from VOC scan

NS = Not sampled Shaded values are above Residual Contaminant Level standard

PCB's were tested for GP-2 2-4' and GP-2 22-24' with no detection.

Cadmium was tested for GP-2 2-4' and GP-2 22-24' with readings of <1.00 (mg/kg) db.

Table 2 continued

Soil Laboratory Analytical Results

MERC UST Fueling Site

Superior, Wisconsin

Boring No.	Sample Date	Acenaphthene	Anthracene	Fluoranthene	Pyrene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene
Residual Contaminant Level		120	12000	8600	11000	27	750	190	480
Geoprobe Soil Samples (post-remedial):									
GP-2 2-4'*	2/17/99	<8.32	<5.49	<1.75	<2.25	<1.082	<0.832	<1.50	<1.42
GP-2 22-24'	2/17/99	<0.033	<0.022	<0.007	<0.009	<0.0040	<0.003	<0.006	<0.006
Monitoring Well Soil Samples (post-remedial):									
MW-5 10-12.5'	6/14/99	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066

Boring No.	Sample Date	Chrysene	Dibenzo(a,h) anthracene	Fluorene	Indeno (1,2,3-ed) pyrene	Acenaphthylene	Naphthalene	Benzo (g,h,l) perylene	Phenanthrene
Residual Contaminant Level		3.7	70	210	490	1.5	0.44	6900	7.6
Geoprobe Soil Samples (post-remedial):									
GP-2 2-4'*	2/17/99	<1.25	<2.50	**1.83**	<3.58	<16.6	**7.86**	<6.33	<5.33
GP-2 22-24'	2/17/99	<0.005	<0.010	<0.007	<0.014	<0.067	<0.033	<0.025	<0.021
Monitoring Well Soil Samples (post-remedial):									
MW-5 10-12.5'	6/14/99	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066

< = concentration less than the indicated method detection limit

Bold indicates detection above the method detection limit

Concentrations in milligrams per kilogram (mg/kg) [equivalent to parts per million]

Residual Contaminant Level standards are based on WDNR Interim Guidance, based on groundwater pathway

* GP-2 2-4' has an elevated report limit due to sample dilution

Table 3

Groundwater Laboratory Analytical Results

MERC UST Fueling Site

Superior, Wisconsin

Well Number	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Naphthalene	MTBE	TMBs	DRO (ppm)	Lead (ppm)
Enforcement Standard		5	343	700	620	40	60	480	None	15
Preventive Action Limit		0.5	68.6	140	124	8	12	96	None	1.5
GP-2 W	2/17/99	**1.08**	1.5	16.6	27.1	NS	4.2	**108.3**	13	NS
MW-1	6/23/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	455	<2
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2
MW-2	6/23/99	<0.5	1.91	<0.4	1.6	<0.7	<0.3	1.34	186	**9**
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2
MW-3	6/23/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	180	<2
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2
MW-4	6/23/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	<100	<2
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2
MW-5	6/23/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	110	<2
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2
MW-6	6/23/99	<0.5	<0.4	<0.4	<0.8	<0.7	<0.3	<0.9	125	<2
	10/1/99	<1.0	<1.1	<1.2	<3.7	NA	<0.61	<2.4	<100	<2

Note: All concentrations in ug/L (parts per billion), unless otherwise noted.

Bolded values are in excess of preventative action limits

Shaded values are in excess of enforcement standards.

DRO = diesel range organics MTBE = methyl t-butyl ether

PAHs were also sampled with no detections of any PAH compounds

Table 4

Groundwater Geochemistry Results

MERC UST Fueling Site

Superior, Wisconsin

Site Number	Sample Date	Dissolved Oxygen	pH	Conductivity (uS)	Temp. (C)	Total Alkalinity	Dissolved Iron	Dissolved Manganese	Nitrate:N	Sulfate
MW-1	6/21/99	*	3.56	1046	18.8	636	0.342	3.69	<0.08	1800
	10/1/99	1.09	NM	NM	13.1	NM	NM	NM	2.76	NM
MW-2	6/21/99	*	2.20	706	15.2	438	17.4	3.9	<0.08	502
	10/1/99	1.01	NM	NM	12.2	NM	NM	NM	0.36	NM
MW-3	6/22/99	*	4.15	702	17.0	427	<0.040	1.75	<0.08	17.3
	10/1/99	3.95	NM	NM	14.5	NM	NM	NM	0.1	NM
MW-4	6/22/99	*	3.90	692	20.3	506	0.262	2.19	0.48	498
	10/1/99	1.52	NM	NM	14.1	NM	NM	NM	0.05	NM
MW-5	6/22/99	*	3.57	2740	15.7	465	5.46	2.08	<0.08	1790
	10/1/99	0.7	NM	NM	16.5	NM	NM	NM	0.45	NM
MW-6	6/22/99	*	3.03	1580	15.7	1020	7.88	1.17	<0.08	841
	10/1/99	1.01	NM	NM	10.0	NM	NM	NM	0.22	NM

Note: All concentrations in mg/L (parts per million), unless otherwise noted.

* DO meter not working

NM - not measured

Appendix D 2021 Site Investigation Report Characterization of Sediments in the North End District and Clough Island St Louis River and Bay Area of Concern, Superior, Wisconsin-Microscopic Coal Analytical Data

Appendix D
Microscopic Coal Results
General Mills Slip - Superior, WI

Location Identification	Depth Interval (ft)	Date Sampled	Time Sampled (local)	Result (%)
ND20-GM01-SURF	surf	6/28/2020	14:15	6.0
ND20-GM01-0320	0.3-2.0	7/2/2020	16:00	8.0
ND20-GM01-2040	2.0-4.0	7/2/2020	16:00	3.0
ND20-GM02-SURF	surf	7/1/2020	8:30	7.0
ND20-GM02-0320	0.3-2.0	7/2/2020	16:40	5.0
ND20-GM02-2040	2.0-4.0	7/2/2020	16:40	3.0
ND20-GM04-SURF	surf	6/30/2020	18:20	4.0
ND20-GM05-SURF	surf	6/28/2020	14:50	4.0
ND20-GM05-0320	0.3-2.0	7/2/2020	10:40	3.0
ND20-GM05-2040	2.0-4.0	7/2/2020	10:40	4.0
ND20-GM07-SURF	surf	6/28/2020	15:20	12.0
ND20-GM07-0320	0.3-2.0	7/2/2020	9:45	2.0
ND20-GM07-2040	2.0-4.0	7/2/2020	9:45	1.0
ND20-GM08-SURF	surf	6/29/2020	18:00	5.0
ND20-GM012-SURF	surf	6/28/2020	16:25	4.0
ND20-GM012-0320	0.3-2.0	7/2/2020	14:20	2.0
ND20-GM014-SURF	surf	6/30/2020	19:00	2.0
ND20-GM014-0320	2.0-4.0	7/2/2020	15:10	2.0

% - percent

surf - surface sample (0-0.3 feet)

ft = feet below sediment surface