**YEAR 2023** 

**Orange County Sanitation District** 

# BIOSOLIDS MANAGEMENT COMPLIANCE REPORT

EPA 40 CFR Part 503



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### List of Abbreviations

Acronym or abbreviation	Full phrase
ADEQ	Arizona Department of Environmental Quality
CDX	Central Data Exchange
CCR	California Code of Regulations
EPA	United States Environmental Protection Agency
LEA	Local Enforcement Agency
LIMS	Laboratory Information Management Systems
MCRTs	Mean cell residence times
MGD	Million gallons per day
NOV	Notice of violation
NPDES	National Pollutant Discharge Elimination System
OC San	Orange County Sanitation District
OCWR	Orange County Waste and Recycling
QA/QC	Quality assurance and quality control
RCRA	Resource Conservation and Recovery Act
SARWQCB	Santa Ana Regional Water Quality Control Board

### Glossary

Term	Definition
40 CFR Part 503	The Code of Federal Regulations Title 40 Part 503, established by the EPA, outlines the requirements and management practices for the use and disposal of sewage sludge (biosolids).
Activated Sludge Process	A secondary biological wastewater treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen and consume dissolved nutrients in the wastewater.
Anaerobic Digestion	The biochemical decomposition of organic matter in biosolids into methane gas and carbon dioxide by microorganisms in the absence of air.
Biogas	A gas that is produced by the action of anaerobic bacteria on organic waste matter in a digester tank that can be used as a fuel.
Biosolids	Biosolids are nutrient rich organic and highly treated solid materials produced by the wastewater treatment process. This high-quality product can be recycled as a soil amendment on farmland or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth
Coliform Bacteria	A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere, used as indicators of sewage pollution. E. coli are the most common bacteria in wastewater.
Collection System	In wastewater, it is the system of typically underground pipes that receive and convey sanitary wastewater or storm water.
Dry-weight basis	the weight of biosolids calculated after the material has been dried at 105° C until reaching a constant mass.

Term	Definition
Publicly Owned Treatment Works (POTW)	A municipal wastewater treatment plant.
Pretreatment	The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in Wastewater to a level authorized by OC San prior to, or in lieu of, discharge of the Wastewater into v's Sewerage System. The reduction or alteration can be obtained by physical, chemical or biological processes, by process changes, or by other means.
Pretreatment Program	A program administered by a POTW that meets the criteria established in 40 CFR 403.8 and 403.9 and which has been approved by a Regional Administrator or State Director in accordance with 40 CFR 403.11.
Secondary Treatment	Biological wastewater treatment, particularly the activated sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.
Sewerage System	Any and all facilities used for collecting, conveying, pumping, treating, and disposing of Wastewater or sludge or biosolids.
Sludge	Untreated solid material created by the treatment of wastewater.
Total Suspended Solids (TSS)	The amount of solids floating and in suspension in wastewater.
Trickling Filter	A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in wastewater as it trickles over them.
Total Toxic Organics	The summation of all quantifiable values greater than 0.01 milligrams per liter for the organics regulated by the EPA or OC San for a specific industrial category.
Wastewater	Any water that enters the sanitary sewer.
Watershed	A land area from which water drains to a particular water body. OC San's service area is in the Santa Ana River Watershed.

#### **Section 1. Introduction**

The Orange County Sanitation District (OC San) manages biosolids, which encompass nutrient-rich organic matter recovered and derived from the wastewater treatment process. This material is beneficially used offsite (recycled), adhering to all relevant local, state, and federal regulations, as well as best management practices.

OC San is a public agency that provides wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County, California. OC San is a special district that is governed by a Board of Directors consisting of 25 board members appointed from 20 cities, two sanitary districts, two water districts, and one representative from the Orange County Board of Supervisors. OC San has two operating facilities, Reclamation Plant No. 1 located in the city of Fountain Valley and Treatment Plant No. 2 located in the city of Huntington Beach, that treat wastewater from residential, commercial, and industrial sources.

In accordance with Code of Federal Regulations Title 40 Part 503 (40 CFR 503), this annual compliance report summarizes OC San's biosolids management activities and compliance data for the reporting period of January 1 to December 31, 2023.

#### Section 2. Biosolids Regulatory Requirements

OC San treats and manages its biosolids in accordance with OC San's National Pollution Discharge Elimination System (NPDES) Permit, Arizona Administrative Code Title 18, Ch. 9, Article 10 (R18-9), and United States Environmental Protection Agency (EPA) Code of Federal Regulations (CFR) Title 40 Part 503.

#### 2.1 NPDES Permit Requirements

This section is a summary of the biosolids program requirements contained in OC San's NPDES Permit No. CA0110604 Order No. R8-2021-0010 (Permit), effective August 1, 2021, jointly issued by the Santa Ana Regional Water Quality Control Board (SARWQCB) and EPA (Region IX). The requirements for the biosolids program are listed in Sections VI and VII of the Permit, as well as Attachment E and Attachment G. The requirements are shown below, using the corresponding numeration found in the Permit. Each requirement is followed by a summary of the activity that has resulted in OC San's compliance with Permit requirements, or a reference may be given where additional information can be found in this annual report.

#### Section VI. Provisions, A. Standard Provisions, 4f.

Collected screenings, sludge, and other solids removed from liquid wastes shall be managed in accordance with federal, state, and local regulations (see Attachment G – Biosolids).

OC San has an ongoing commitment to meet the provisions of this requirement, and all biosolids requirements are enforced as discussed throughout this report.

### Section VII. Provisions, C. Special Provisions, 6. Special Provisions for Publicly Owned Treatment Works (POTWs), b. Biosolids

The Discharger shall manage its sludge and biosolids in accordance with federal regulations (40 CFR § 257, 258, and 503) and the requirements specified in Attachment G of this Order/Permit.

OC San is dedicated to fulfilling this regulatory requirement and adherence to all biosolids requirements is stated throughout the report.

### Attachment E – Monitoring and Reporting Program (MRP), XII. Reporting Requirements, D. Other Reports, 2. Biosolids Report

By February 19<sup>th</sup> of each year, the Discharger shall submit an annual biosolids report into USEPA's CDX electronic reporting system, with an electronic copy to the Santa Ana Water Board by email at <a href="mailto:santaana@waterboards.ca.gov">santaana@waterboards.ca.gov</a>, for the period covering the previous calendar year (January 1 through December 31). The annual reports shall contain, but not be limited to, the information required in the attached Biosolids Reporting Requirements (Attachment G), or an approved revised version thereof. If the Discharger is not in compliance with any conditions or requirements of this Order/Permit, the Discharger shall include the reasons for noncompliance and shall state how and when the Discharger will comply with such conditions and requirements.

OC San was in full compliance with all conditions and requirements of the Permit. OC San has an ongoing commitment to meet the provisions of this requirement as provided in this annual report. Appendix D contains the submitted EPA CDX electronic report plus this entire report is emailed to the SARWQCB and EPA regulators.

#### Attachment G - Biosolids, VI. Reporting Requirements, A.

The report shall include the tonnages of biosolids (reported in dry metric tons, 100% dry weight), that were land applied (without further treatment by another party), land applied after further treatment by another preparer, disposed in a sludge-only surface disposal site,

sent to a landfill for alternative cover or fill, stored on site or off site, or used for another purpose." (NPDES Permit. Attachment G. Sect. VI.A)

The land-applied biosolids tonnage information is contained in Section 4, Table 3 (Biosolids Managed Tonnage Distribution), and Appendix D (EPA Biosolids Annual Report Electronic Forms) of this annual report.

#### Attachment G - Biosolids, VI. Reporting Requirements, A.1.

Monitoring results from laboratories (results only, QA/QC pages not required). Copies of original lab reports must be available upon request and confirm the results are on a 100% dry weight basis. Lab reports for fecal coliforms must show the time the samples were collected, and the time analysis was started.

Laboratory reports are available on OC San's Laboratory Information Management Systems (LIMS) internal network.

#### Attachment G - Biosolids, VI. Reporting Requirements, A.2.

If operational parameters were used to demonstrate compliance with pathogen reduction and vector attraction reduction, the minimum mean of these parameters for each sampling period (i.e., minimum mean cell residence times (MCRTs) and temperatures).

The operational parameters used are contained in the Biosolids Monthly Compliance Reports (Appendix A) of this annual report.

#### Attachment G - Biosolids, VI. Reporting Requirements, A.3.

If biosolids are stored on-site or off-site for more than 2 years, the information required in 40 CFR § 503.20(b) to demonstrate that the storage is temporary.

This requirement is not applicable to OC San since no biosolids are either stored on-site or off-site.

#### Attachment G - Biosolids, VI. Reporting Requirements, B.

If biosolids were land applied, the Discharger shall have the person applying the biosolids submit a pdf report to USEPA and State agency showing the name of each field; location, ownership, size in acres; the dates of applications, seedings, harvesting; the tonnage applied to field, in actual and dry weight; the calculated Plant Available Nitrogen; and copies of applier's certifications of management practices and site restrictions.

OC San's contractor, Tule Ranch/Ag-Tech, is required to independently submit biosolids management information to EPA and ADEQ regulators.

#### 2.2 Arizona Administrative Code Title 18 Requirements

#### R18-9-1014 - Reporting, A-D.

A person who prepares biosolids for application shall provide the applicator with the necessary information to comply with this Article including the concentration of pollutants listed in R18-9-1005 and the concentration of nitrogen in the biosolids.

A transporter shall report spills to the Department under R18- 9-1011(D).

A bulk applicator of biosolids other than exceptional quality biosolids shall provide the land owner and lessee of land application sites with information on the concentrations of the pollutants listed in R18-9-1005 and loading rates of biosolids applied to that site, and any applicable site restrictions under R18-9-1009.

A bulk applicator of biosolids other than exceptional quality biosolids shall report to the Department if 90% or more of any cumulative pollutant loading rate has been used at a site.

OC San works closely with the transporters and management facilities to ensure that exceptional quality biosolids are produced and that information regarding the concentrations of pollutants listed in R18-9-1005 are provided. In addition, OC San verifies that any violations and/or reports of spills are provided to the ADEQ.

#### R18-9-1014 - Reporting, F-G.

On or before February 19 of each year, a person preparing biosolids in a Class I Sludge Management Facility, POTW with a design flow rate equal to or greater than one million gallons per day, or POTW that serves 10,000 people or more, that are applied to land, shall, by letter or on a form provided by the Department, report to the Department all the following applicable information regarding their activities during the previous calendar year:

1. The amount of biosolids received if the preparer purchased or received the biosolids from another preparer or source; 2. The amount of biosolids produced (tons or kilograms);

3. The amount of biosolids distributed; 4. The concentrations of the pollutants listed in R18-9-1005 (in milligrams per kilogram of biosolids on a dry-weight basis); 5. The pathogen treatment methodologies used during the year, including the results; and 6. The vector attraction reduction methodologies used during the year, including the results.

All annual self-monitoring reports shall contain the following certification statement signed by a responsible official: "I certify, under penalty of law, that the information and descriptions, have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

OC San was in full compliance with all conditions and requirements of the Arizona Administrative Code Title 18 Requirements. OC San has an ongoing commitment to meet the provisions of this requirement as provided in this annual report. Appendix E contains the ADEQ Biosolids or Sewage Sludge Annual Report Form, which includes the certification statement above, plus this entire report is emailed to the ADEQ regulators.

#### 2.3 40 CFR Part 503 Requirements

#### § 503.18 - Reporting

Class I sludge management facilities, POTWs (as defined in § 501.2 of this chapter) with a design flow rate equal to or greater than one million gallons per day, and POTWs that serve 10,000 people or more shall submit a report on February 19 of each year. As of December 21, 2016, all reports submitted in compliance with this section must be submitted electronically by the operator to EPA when the Regional Administrator is the Director in compliance with this section and 40 CFR part 3 (including, in all cases, subpart D to part 3), 40 CFR 122.22, and 40 CFR part 127. Otherwise, as of December 21, 2025, or an EPA-approved alternative date (see 40 CFR 127.24(e) or (f)), all reports submitted in compliance with this section must be submitted electronically in compliance with this section and 40 CFR part 3 (including, in all cases, subpart D to 40 CFR part 3), 40 CFR 122.22, and 40 CFR part 127. 40 CFR part 127 is not intended to undo existing requirements for electronic reporting. Prior to the compliance deadlines for electronic reporting (see Table 1 in 40 CFR 127.16), the Director may also require operators to electronically submit annual reports under this section if required to do so by State law.

OC San was in full compliance with all conditions and requirements of 40 CFR Part 503 requirements. OC San has an ongoing commitment to meet the provisions of this requirement as provided in this annual report. Appendix D contains the submitted EPA CDX electronic report plus this entire report is emailed to the EPA regulators.

#### **Section 3. Treatment Plants**

During the 2023 annual reporting period, Reclamation Plant No. 1 treated an average of 123 MGD of wastewater and Treatment Plant No. 2 treated an average of 66 MGD, producing a combined total of 193,106 wet tons of biosolids (44,668 dry metric tons), which equates to an average of 529 wet tons per day of biosolids including digester cleanings managed in compliance with "Class B" biosolids management practices as defined in 40 CFR Part 503.

Dewatered biosolids averaged 25% total solids at Plant No. 1 and 27% total solids at Plant No. 2. Detailed data, including monthly averages, annual totals, and analytical results, can be viewed in Figure 1 and Table 3 below, as well as in Appendices A, B, C, and D.

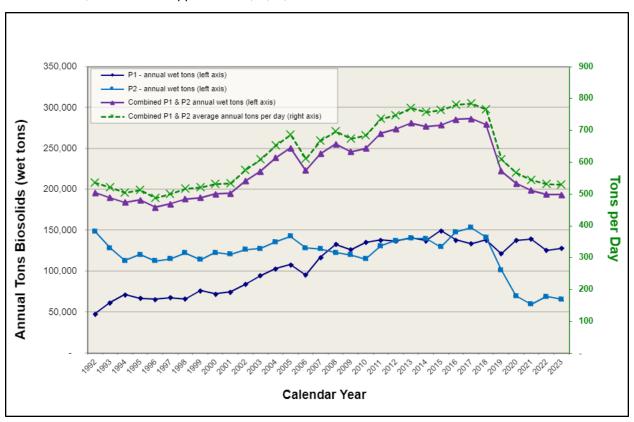


Figure 1. Biosolids Production History January 1992 – December 2023 (not including digester cleanings

For this annual reporting period, OC San's biosolids met the following regulatory standards and/or criteria:

- OC San's biosolids were digested for at least 15 days at a minimum of 95 degrees Fahrenheit, with a volatile solids destruction of at least 38%.
- OC San's anaerobically digested biosolids met compliance with the "Class B Pathogen Reduction" and "Vector Attraction Reduction" definition for "Class B" biosolids as defined in 40 CFR Part 503.32(b)(3) (PSRP 3) and 503.33(b)(1).
- Tule Ranch-AgTech's standard operating procedure includes biosolids incorporation within six (6) hours, which meets 40 CFR Part 503.33(b)(10) requirement for "Vector Attraction Reduction". This added redundancy is critical in the case of rare events when OC San experiences challenges meeting the Vector Attraction Reduction standard at the plants.
- OC San's compost contractors' processes meet Class A standards as defined in 40 CFR Part 503.

#### **Section 4. Biosolids Management**

OC San is committed to supporting beneficial reuse of biosolids (OC San Resolution 13-03). During this reporting period, OC San recycled 100% of OC San's biosolids, which included digester cleaning materials. Refer to Figure 2 Distribution Map.

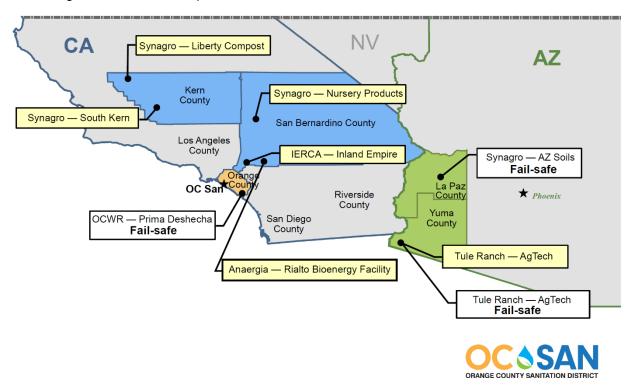


Figure 2 - Orange County Sanitation District Biosolids Allocations by Destination

The contractors listed below in Table 2 have provided OC San with biosolids management diversification and reliability. The contractors submit their annual compliance reports directly to EPA, in accordance with OC San's NPDES permit requirements.

Table 1 - Biosolids Management Contractors

Synagro - Nursery Products PO Box 1439 Helendale, CA 92342 Contact: Venny Vasquez, Manager Phone: (760) 265-5210 Email: vvasquez@SYNAGRO.com	Synagro – South Kern Compost Manufacturing Facility PO Box 265 Taft, CA 93268 Contact: Rob Rankin, Manager Phone: (661) 765-2200 Email: rrankin@SYNAGRO.com
Synagro - Liberty Compost 12421 Holloway Rd. Lost Hills, CA 93249 Contact: Wilson Nolan, Manager Phone: (661) 619-7320 Email: WNolan@synagro.com	Synagro – Arizona Soils 5615 S. 91st Avenue Tolleson, AZ 85353 Contact: Brian Millage, Manager Phone: (623) 626-0974 Email: bmillage@SYNAGRO.com

Table 1 – Biosolids Management Contractors

Tule Ranch / Ag-Tech 4324 E. Ashlan Ave. Fresno, CA 93726 Contact: Kurt Wyrick, Controller Phone: (559) 970-9432 Email: kurt@westexp.com	Inland Empire Regional Composting Authority 12645 6th Street Rancho Cucamonga, CA 91739 Contact: Jeff Ziegenbein, Manager Phone: (909) 993-1981 Email: jziegenbein@ieua.org
Rialto Bioenergy Facility 503 East Santa Ana Avenue, Rialto, CA 92316 Contact: John Hutson, Facility Manager Phone: (224) 500-7712 Email: John.Hutson@anaergia.com	

For this reporting period, OC San's biosolids were beneficially reused as illustrated in Table 3. More detailed breakdowns are available in Appendices A and D.

Table 2 – Biosolids Managed Tonnage Distribution

Quantity Generated	Plant No. 1	Plant No. 2	Total	Relative %
Tule Ranch AZ (land application) (wet tons)	32,398	47,879	80,277	42.0
Tule Ranch AZ (land application (dry metric tons)	7,210	11,615	18,825	
Synagro - Liberty Compost CA (wet tons)	34,702	7,966	42,668	22.0
Synagro - Liberty Compost CA (dry metric tons)	8,063	1,987	10,050	
Rialto Bioenergy Facility CA – heat drying (wet tons)	0	0	0	0.0
Rialto Bioenergy Facility CA – heat drying (dry metric tons)	0	0	0	0.0
Synagro – Nursery Products CA (compost) (wet tons)	24,587	1,060	25,647	13.0
Synagro – Nursery Products CA (compost) (dry metric tons)	5,432	252	5,684	
Synagro – South Kern – compost (wet tons)	32,507	452	32,959	17.0
Synagro – South Kern – compost (dry metric tons)	7,224	106	7,331	
Synagro – AZ Soils – compost (wet tons)	2,826	0	2,826	1.5
Synagro – AZ Soils – compost (dry metric tons)	637	0	637	
Inland Empire Regional Composting (wet tons)	495	8,236	8,730	4.5
Inland Empire Regional Composting (dry metric tons)	111	2,030	2,141	
Total Wet Tons	127,514	65,592	193,106	100.0
Total Dry Metric Tons	28,679	15,989	44,668	

#### **Section 5. Summary of Pollutants**

OC San's Biosolids Monthly Compliance Reports (Appendix A) compare the limits of the pollutants listed in 40 CFR 503 to OC San's biosolids concentrations for each plant. During this reporting period, OC San has met all regulated pollutants limits. The average concentrations of all pollutants in OC San's biosolids are typically an order of magnitude below the conservative "Table 1 Ceiling Limits" and "Table 3 Exceptional Quality Limits" found in 40 CFR Part 503.

Even though Orange County's population has grown, OC San's pretreatment program has been successful in reducing the average mass of metals entering OC San's collection system by 90% and metals discharged to the marine environment by 99% since the program's inception in 1976, thereby ensuring OC San's biosolids can be recycled to farm fields. Appendix B contains the biosolids chapter excerpt from the OC San Pretreatment Program Annual Report, Chapter 8 that includes graphs of metals in OC San's biosolids.

#### Section 6. Determination of Hazardousness

During this reporting period, OC San's biosolids pollutant concentrations were well below the state and federal maximum contaminant concentrations for being determined as hazardous waste. Reference OC San's biosolids monitoring data in Appendix C- Summary of Biosolids Monitoring Results.

To ensure OC San's biosolids program continues to meet the definition of biosolids per 40 CFR 503, OC San verifies its biosolids are non-hazardous annually. Although OC San does not anticipate its sewage sludge to ever be classified as hazardous, should that highly unlikely scenario occur, the affected biosolids will be managed via 40 CFR 261 and disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). Relevant regulations regarding hazardous waste are also found in the California Code of Regulations (CCR) Title 22.

OC San's biosolids have been determined to be non-hazardous based on the following evaluation:

- OC San's biosolids are not ignitable, corrosive, reactive, nor toxic in accordance with the federal regulatory definitions in 40 CFR Part 261 and CCR Title 22.
- OC San performs annual testing of an extensive list of organic and inorganic compounds to verify the continued non-hazardousness of our biosolids (see Appendix C).
- When the compounds are non-detectable, OC San enters the method detection limit in the evaluation spreadsheet that compares the data to regulatory limits.

#### **Section 7. Biosolids Management System**

The following sections highlight OC San's continued commitment to the biosolids management system.

#### 7.1 Communications

OC San has continued transparent communications during this reporting period. OC San posts timely updates including updated OC San resources such as listed below:

- Monthly compliance reports and data (www.ocsan.gov/nani),
- Annual compliance reports (www.ocsan.gov/503),
- Biosolids Contractor Requirements document (www.ocsan.gov/bcr), and
- Biosolids allocation map (www.ocsan.gov/map).

#### 7.2 Contractor Oversight Program

OC San enforces a strong contractor oversight program. During this reporting period, OC San conducted the following:

- Performed six (6) contractor site inspections in 2023.
- Reviewed Local Enforcement Agency (LEA) reports and monthly contractor reports to maintain an ongoing understanding of each contractor compliance status.
- A Notice of Violation (NOV) was issued to one (1) biosolids contractors by local enforcement agencies during this annual reporting period. OC San has closely monitored the issue and maintained communications with the contractor during the process to track progress in addressing this NOV, which has been closed:
  - On September 29, 2022, Nursery Products received a cease-and-desist order from the LEA for multiple violations relating to a fire that occurred on May 28, 2022. The facility still had multiple NOVs in the beginning of 2023 originating from issues with odor and litter control along with violations that related to the facility not having the proper fire prevention and control, etc. However, the LEA rescinded their cease-and-desist order on March 29, 2023 and has since worked with several agencies to revise programs, make operational improvements, and address ongoing issues. In early 2023 the facility reopened on a limited basis and has since returned to full operational capacity.
- Performed five hauling inspections.



#### **Environmental Services Department**

10844 Ellis Avenue Fountain Valley, California 92708-7018 714.962.2411

www.ocsan.gov

## Appendix A. Biosolids Monthly Compliance Reports, January – December 2023

Appendix Table A-1. OC San Biosolids Wet and Dry Tonnage Distribution, Reclamation Plant No. 1, Fountain Valley, CA

Biosolids Generated	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Avg
Biosolids Total Solids (%)	25	25	25	25	24	24	24	Aug 24	26	24	24	25	25
Management Locations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Tule Ranch AZ – land application (wet tons)	3,285	3,778	3,004	2,453	2,556	2,499	2,415	2,534	2,389	2,538	2,477	2,472	32,398
Tule Ranch AZ – land application (dry metric tons)	733	857	681	556	556	544	518	553	563	552	539	557	7,210
Synagro - Liberty Compost CA (wet tons)	4,383	2,571	4,165	3,344	4,023	2,929	1,932	2,739	2,087	1,381	1,530	1,478	32,560
Synagro - Liberty Compost CA (dry metric tons)	977	583	944	758	876	638	414	598	492	301	333	333	7,248
Rialto Bioenergy Facility CA – heat drying (wet tons)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rialto Bioenergy Facility CA – heat drying (dry metric tons)	0	0	0	0	0	0	0	0	0	0	0	0	<u>_</u>
Synagro – Nursery Products CA – compost (wet tons)	0	75	50	0	1,101	2,550	3,614	3,426	3,207	3,095	3,573	3,895	24,587
Synagro – Nursery Products CA – compost (dry metric tons)	0	17	11	0	240	555	775	748	756	674	778	878	5,432
Synagro – South Kern – compost (wet tons)	1,826	1,610	2,463	2,946	3,371	2,965	2,667	2,750	3,150	2,543	3,071	3,144	32,507
Synagro – South Kern – compost (dry metric tons)	407	365	559	668	734	646	572	601	743	554	668	709	7,224
Synagro – AZ Soils – compost (wet tons)	999	1,054	773	0	0	0	0	0	0	0	0	0	2,826
Synagro – AZ Soils – compost (dry metric tons)	223	239	175	0	0	0	0	0	0	0	0	0	637
Inland Empire Regional Composting (wet tons)	0	0	419	0	0	0	0	0	0	46	30	0	495
Inland Empire Regional Composting (dry metric tons)	0	0	95	0	0	0	0	0	0	10	6	0	111
Total Wet Tons	10,493	9,087	10,875	8,742	11,051	10,943	10,628	11,449	10,833	9,603	10,680	10,988	125,372
Total Dry Metric Tons	2,340	2,061	2,466	1,982	2,406	2,382	2,280	2,501	2,555	2,090	2,325	2,477	27,863
Digester Cleanings	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Digester(s)	12						<b>,</b>	<b>U</b>			14	13	
Digester Cleaning Total Solids Percents	18										21	65*	
Synagro - Liberty Compost (compost) (wet tons)	872	0	0	0	0	0	0	0	0	0	194	1,077	2,142
Synagro - Liberty Compost (compost) (dry metric tons)	142	0	0	0	0	0	0	0	0	0	38	636	816
Digester Cleaning Total Wet Tons	872	0	0	0	0	0	0	0	0	0	194	1,077	2,142
Total Dry Metric Tons	142	0	0	0	0	0	0	0	0	0	38	636	816
Total Wet Tons (Biosolids plus Digester Cleanings)	11,365	9,087	10,875	8,742	11,051	10,943	10,628	11,449	10,833	9,603	10,873	12,064	127,514
Total Dry Metric Tons (Biosolids plus Digester Cleanings)	2,483	2,061	2,466	1,982	2,406	2,382	2,280	2,501	2,555	2,090	2,362	3,112	28,679
*The total colider and training discrete 40 classics according				411	:£: l l	1.11				!I!			

<sup>\*</sup>The total solids analysis for the digester 13 cleaning sample was performed one day past the method-specified holding time of seven days. There is no indication of a problem with the analysis, as the quality control performed by the lab met method requirements. Since the data were received in the month following the cleaning and sampling, resampling was not possible.

Appendix Table A-2. OC San Biosolids Wet and Dry Tonnage Distribution, Wastewater Treatment Plant No. 2, Huntington Beach, CA

Biosolids Generated	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual Avg
Biosolids Total Solids (%)	27	28	28	27	26	27	27	25	27	27	26	26	27
Management Locations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Tule Ranch AZ – land application (wet tons)	3,667	3,009	4,410	3,790	4,464	4,275	4,166	4,070	4,138	3,747	4,072	4,070	47,879
Tule Ranch AZ – land application (dry metric tons)	904	764	1,106	928	1,053	1,060	1,027	923	1,013	918	960	960	11,615
Synagro - Liberty Compost CA (wet tons)	1,014	632	100	682	405	632	508	280	279	51	51	304	4,936
Synagro - Liberty Compost CA (dry metric tons)	250	156	25	168	100	156	125	69	69	12	12	75	1,216
Rialto Bioenergy Facility CA – heat drying (wet tons)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rialto Bioenergy Facility CA – heat drying (dry metric tons)	0	0	0	0	0	0	0	0	0	0	0	0	0
Inland Empire Regional Composting (wet tons)	968	942	739	539	568	541	517	818	888	726	506	483	8,236
Inland Empire Regional Composting (dry metric tons)	239	232	182	133	140	133	127	202	219	179	125	119	2,030
Synagro – Nursery Products CA – compost (wet tons)	0	0	0	0	174	0	0	51	0	229	454	152	1,060
Synagro – Nursery Products CA – compost (dry metric tons)	0	0	0	0	41	0	0	12	0	56	107	36	252
Synagro – South Kern – compost (wet tons)	0	0	0	0	0	0	0	100	0	75	176	100	452
Synagro – South Kern – compost (dry metric tons)	0	0	0	0	0	0	0	23	0	18	41	24	106
Biosolids Total Wet Tons	5,650	4,583	5,249	5,011	5,611	5,448	5,191	5,319	5,305	4,828	5,259	5,108	62,562
Total Dry Metric Tons	1,392	1,152	1,312	1,229	1,334	1,349	1,280	1,228	1,301	1,184	1,246	1,213	15,219
Digester Cleanings	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Digester(s)							Ρ	R		J	J		
Digester Cleaning Total Solids Percents							29	29*	27	25	25		
Synagro - Liberty Compost (compost) (wet tons)	0	0	0	0	0	0	549	1,416	629	85	350	0	3,030
Synagro - Liberty Compost (compost) (dry metric tons)	0	0	0	0	0	0	144	370	156	20	81	0	770
Digester Cleaning Total Wet Tons	0	0	0	0	0	0	549	1,416	629	85	350	0	3,030
Total Dry Metric Tons	0	0	0	0	0	0	144	370	156	20	81	0	770
Total Wet Tons (Biosolids plus digester cleanings)	5,650	4,583	5,249	5,011	5,611	5,448	5,740	6,735	5,935	4,913	5,609	5,108	65,592
Total Dry Metric Tons (Biosolids plus digester cleanings)	1,392	1,152	1,312	1,229	1,334	1,349	1,424	1,597	1,457	1,203	1,327	1,213	15,989

<sup>\*</sup>The total solids analysis for the digester R cleaning sample was performed two days past the method-specified holding time of seven days. There is no indication of a problem with the analysis, as the quality control performed by the lab met method requirements. Since OC San received notification after a representative sample could be collected, resampling was not possible.



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: January 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 01/10/23, 01/17/23

	Mercury (mg/kg dry)	Arsenic (mg/kg dry)	Cadmium (mg/kg dry)				Molybdenum (mg/kg dry)	Nickel (mg/kg dry)	Selenium (mg/kg dry)		Ammonia Nitrogen (mg/kg dry)	Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	рH	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.55	11	3.5	39	460	6.3	15	34	7.6	800	5,700	58,000	63,000	7.0	24	63
Plant 1 Avg	0.54	9.5 DNQ	3.2	37	420	5.0	15	30	5.7	750	5,400	53,000	58,000		25	
Plant 2 Max/Min*	0.74	13	1.1	41	340	3.0	17	23	6.3	600	8,500	47,000	52,000	6.9	27	62
Plant 2 Avg	0.59	11 DNQ	1.0	39	340	1.8 DNQ	16	23	4.5	600	6,700	46,000	52,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	24	24	24	25	25	24	Out of Service	23	23	25	Out of Service
Minimum Temperature (Min 95 °F)	98	99	99	99	98	99	Out of Service	99	100	98	Out of Service

OC San Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	21	Out of Service	Out of Service	21	Out of Service	21	21	Out of Service	Out of Service		21	21	Out of Service		Out of Service	23	21	21
Minimum Temperature (Min 95 °F)	97	Out of Service	Out of Service	97	Out of Service	98	98	Out of Service	Out of Service		98	97	Out of Service		Out of Service	97	99	97

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

# OCS SAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: January 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears Operations Manager ispears@ocsan.gov (714) 593-7081 .an C. Wiborg

Environmental Services Director

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lwiborg@ocsan.gov (714) 593-7540

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Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: February 1- 28, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 02/07/23,02/14/23

	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)		Ammonia Nitrogen (mg/kg dry)		Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.87	9.1 DNQ	2.1	35	430	11	14	31	8.7 DNQ	670	9,500	51,000	58,000	8.1	24	66
Plant 1 Avg	0.79	8.1 DNQ	1.9 DNQ	34	410	9.2 DNQ	14	31	8.3 DNQ	670	8,500	49,000	57,000		25	
Plant 2 Max/Min*	0.61	9.5 DNQ	1.5 DNQ	35	310	8.1	17	26	8.1 DNQ	590	10,000	49,000	55,000	8.1	27	73
Plant 2 Avg	0.60	9.5 DNQ	1.5 DNQ	34	310	6.1 DNQ	17	26	7.0 DNQ	590	8,000	45,000	53,000		28	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OCSD Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	24	24	24	25	25	24	Out of Service	23	23	25	Out of Service
Minimum Temperature (Min 95 °F)	98	99	99	99	99	99	Out of Service	98	100	98	Out of Service

OCSD Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	21	Out of Service	Out of Service	21	Out of Service	21	21		Out of Service	21	21	21	23	Out of Service	Out of Service	Out of Service	21	21
Minimum Temperature (Min 95 °F)	96	Out of Service	Out of Service	97	Out of Service	98	96		Out of Service	97	97	96	96	Out of Service	Out of Service	Out of Service	98	97

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

# OCSSAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: February 1- 28, 2023

#### Certifications<sup>1</sup>

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears Operations Manager ispears@ocsan.gov (714) 593-7081 Lan C. Wiborg

Environmental Services Director

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Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: March 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 03/07/23, 03/14/23

	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)		Ammonia Nitrogen (mg/kg dry)	Nitrogen	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.77	7.6 DNQ	2.6	39	390	13	17	36	9.6 DNQ	680	9,200	55,000	64,000	7.6	25	62
Plant 1 Avg	0.66	7.1 DNQ	2.4	39	390	11	17	33	8.5 DNQ	670	8,700	50,000	59,000		25	
Plant 2 Max/Min*	0.56	8.4 DNQ	2.2	35	310	10	18	29	8.0 DNQ	590	8,300	45,000	49,000	7.5	27	70
Plant 2 Avg	0.50	8.2 DNQ	2.1	35	310	9.9	18	27	7.4 DNQ	580	6,100	43,000	49,000		28	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	23	23	23	23	24	23	Out of Service	22	22	24	Out of Service
Minimum Temperature (Min 95 °F)	99	100	100	100	100	100	Out of Service	100	100	99	Out of Service

OC San Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	20		Out of Service	20	Out of Service	20	20	Out of Service	Out of Service	20	20	20	20	Out of Service	Out of Service		21	20
Minimum Temperature (Min 95 °F)	96		Out of Service	98	Out of Service	98	96	Out of Service	Out of Service	98	98	97	96	Out of Service	Out of Service		99	97

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

### OC&SAN

ORANGE COUNTY SANITATION DIS

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: March 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears
Operations Manager

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Rachel Van Exel

Peter Park

Tom Meregillano

### **OCSSAN**

ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: April 1- 30, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 04/04/23, 04/11/23

	Mercury (mg/kg dry)		Cadmium (mg/kg dry)				Molybdenum (mg/kg dry)		Selenium (mg/kg dry)			Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.87	10 DNQ	6.1	43	400	12	17	38	11 DNQ	730	7,300	57,000	63,000	7.7	25	67
Plant 1 Avg	0.87	10 DNQ	4.6	42	400	10	17	36	9.9 DNQ	720	6,600	54,000	60,000		25	
Plant 2 Max/Min*	0.58	14	6.9	40	340	11	24	31	11	660	5,100	48,000	51,000	7.6	27	70
Plant 2 Avg	0.51	14	4.9	38	330	9.2	23	29	9.7 DNQ	660	4,100	42,000	46,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	24	25	25	25	25	24	Out of Service	23	23	25	30
Minimum Temperature (Min 95 °F)	97	100	100	100	97	100	Out of Service	100	100	100	99

OC San Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	20	Out of Service	Out of Service	20	Out of Service	20	20	Out of Service	Out of Service	20	20	20	20	Out of Service	Out of Service	Out of Service	20	20
Minimum Temperature (Min 95 °F)	98	Out of Service	Out of Service	98	Out of Service	98	98	Out of Service	Out of Service	98	98	98	98	Out of Service	Out of Service	Out of Service	98	98

DNQ (Detected, Not Quantified) represents estimated values above the method detection limit (MDL), but below the reporting limit (RL).

\*\* MCRT based on a 15-Day Rolling Average.

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

# OCASAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: April 1- 30, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears
Operations Manager

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Cindy Vellucci

Christopher Myster

RohlV-Exl

Jackio Lorma

Tom Meregillano

### OCSSAN

ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: May 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 05/02/23, 05/09/23

	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.68	9.3 DNQ	3.5	39	450	12	19	36	11 DNQ	760	6,400	70,000	76,000	7.2	24	63
Plant 1 Avg	0.59	9.2 DNQ	3.0	36	440	11	19	33	11 DNQ	750	5,900	64,000	69,000		24	
Plant 2 Max/Min*	0.52	11 DNQ	3.8	40	350	9.5	25	30	12	680	4,600	61,000	64,000	7.3	25	68
Plant 2 Avg	0.44	11 DNQ	2.9	35	350	8.8	24	28	11 DNQ	680	4,000	53,000	57,000		26	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OCSD Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	27	28	28	27	30	26	Out of Service	26	26	28	25
Minimum Temperature (Min 95 °F)	98	100	100	99	98	99	Out of Service	100	100	100	101

OCSD Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	20	Out of Service	Out of Service	19	Out of Service	20	20		Out of Service	20	20	20	20	Out of Service	Out of Service		20	20
Minimum Temperature (Min 95 °F)	98	Out of Service	Out of Service	98	Out of Service	98	98		Out of Service	98	98	98	98	Out of Service	Out of Service		98	98

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: May 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears
Operations Manager

<u>ispears@ocsan.gov</u> (714) 593-7081 Lan C. Wiborg

Environmental Services Director

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Cindy Velluci Christopher Myster Rel Lall Excl Jackio Lorma Tom Mengellano
Cindy Velluci (Sep 7, 2023 13:13 PDT)

Cindy Vellucci Christopher Myrter Rachel Van Exel Jackie Lerma Tom Meregillano



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach, CA

Monitoring Period: June 1- 30, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 06/06/23, 06/13/23

_	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Nitrogen	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.68	9.8 DNQ	<0.68	39	470	11	23	29	8.8 DNQ	850	14,000	36,000	50,000	7.4	24	60
Plant 1 Avg	0.57	9.3 DNQ	<0.68	38	440	11	22	28	8.7 DNQ	780	13,000	34,000	47,000		24	
Plant 2 Max/Min*	0.45	13	<0.59	48	360	12	30	26	8.6 DNQ	710	7,400	45,000	52,000	7.1	27	63
Plant 2 Avg	0.41	13	<0.59	47	360	12	30	26	8.0 DNQ	710	5,900	45,000	50,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OCSD Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	28	28	29	28	28	26	Out of Service	26	27	28	26
Minimum Temperature (Min 95 °F)	98	99	100	100	100	100	Out of Service	100	100	100	98

OCSD Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	20	Out of Service	Out of Service	20	Out of Service	20	20	Out of Service	Out of Service	20	20	20	19	Out of Service		Out of Service	20	20
Minimum Temperature (Min 95 °F)	97	Out of Service	Out of Service	98	Out of Service	98	98	Out of Service	Out of Service	99	98	98	97	Out of Service		Out of Service	99	99

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2. Huntington Beach. CA

Monitoring Period: June 1- 30, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears
Operations Manager

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**Environmental Services Director** 

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Cindy Vellucci
Cindy Vellucci (Sep 27, 2023 08:49 PDT)

Christopher Myster

Redel V-Exl

Jackie Lerma He Lerma (Sep 27, 2023 13:02 PDT) Tom Meregillano

Cindy Vellucci Christopher Myrter

Rachel Van Exel

Jackie Lerma

Tom Meregillano



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: July 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 7/11/23, 07/17/23 (Plant 1); 07/11/23, 07/18/23 (Plant 2)

	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Nitrogen	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.59	6.3 DNQ	3.3	41	420	11	18	40	8.3 DNQ	710	6,700	54,000	59,000	7.9	24	63
Plant 1 Avg	0.57	6.1 DNQ	3.2	40	410	11	18	37	8.2 DNQ	700	5,900	51,000	57,000		24	
Plant 2 Max/Min*	0.57	7.9 DNQ	3.7	53	350	9.8	25	32	7.9 DNQ	720	5,400	53,000	57,000	7.4	27	63
Plant 2 Avg	0.50	7.2 DNQ	3.4	52	340	9.2	25	30	6.8 DNQ	680	4,600	51,000	56,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OCSD Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	29	28	29	28	28	26	Out of Service	26	26	28	30
Minimum Temperature (Min 95 °F)	99	100	100	100	100	100	Out of Service	100	100	100	99

OCSD Plant 2	System Summary		Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	19	Out of Service	Out of Service	19	Out of Service	20	20	Out of Service	Out of Service	19	19	19	19	Out of Service	Out of Service		20	19
Minimum Temperature (Min 95 °F)	97	Out of Service	Out of Service	98	Out of Service	99	97	Out of Service	Out of Service	98	98	98	98	Out of Service	Out of Service		99	98

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

# OCASAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: July 1- 31, 2023

#### Certifications:

**NPDES permit:** I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears

Jim Spears Operations Manager jspears@ocsan.gov (714) 593-7081 Lan C. Wiborg

Environmental Services Director

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Printopher Myster Red V Exl J. J. Tom Meregillano

Christopher Myrter Rachel Van Exel Jackie Lerma Tom Meregillano



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: August 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 8/8/23, 8/22/23

	Mercury (mg/kg dry)		Cadmium (mg/kg dry)				Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.64	6.0 DNQ	4.0	44	480	16	14	33	7.2 DNQ	800	7,600	47,000	55,000	7.5	24	67
Plant 1 Avg	0.56	6.0 DNQ	3.6	38	440	14	14	32	6.2 DNQ	740	6,400	47,000	54,000		24	
Plant 2 Max/Min*	0.49	9.5 DNQ	4.5	58	400	13	21	34	7.8 DNQ	780	6,100	48,000	53,000	7.6	24	57
Plant 2 Avg	0.46	8.6 DNQ	4.2	54	370	12	21	33	7.0 DNQ	720	5,700	46,000	52,000		25	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	27	27	27	26	26	25	Out of Service	25	25	27	28
Minimum Temperature (Min 95 °F)	99	100	100	100	100	100	Out of Service	100	100	100	99

OC San Plant 2	System Summary	_	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	21		Out of Service	21	Out of Service	21	21		Out of Service	20	21	21	20		Out of Service	Out of Service	21	21
Minimum Temperature (Min 95 °F)	98	I	Out of Service	98	Out of Service	99	98		Out of Service	98	99	99	99		Out of Service	Out of Service	99	98

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

# OCS SAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: August 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Jim Spears is

Jim Spears
Operations Manager

jspears@ocsan.gov (714) 593-7081 Lan C. Wiborg

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Christopher Myster Roll Exl III

Christopher Myrter Rachel Van Exel Jackie Lerma Tom Meregillano



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: September 1- 30, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 09/19/23

	Mercury (mg/kg dry)		Cadmium (mg/kg dry)				Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Nitrogen	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.51	5.8 DNQ	3.5	38	370	9.7	13	28	5.8 DNQ	660	10,000	44,000	54,000	7.7	26	71
Plant 1 Avg	0.51	5.8 DNQ	3.5	38	370	9.7	13	28	5.8 DNQ	660	10,000	44,000	54,000		26	
Plant 2 Max/Min*	0.36	7.4 DNQ	2.7	45	310	11	17	30	6.3 DNQ	670	10,000	38,000	48,000	7.7	27	72
Plant 2 Avg	0.36	7.4 DNQ	2.7	45	310	11	17	30	6.3 DNQ	670	10,000	38,000	48,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	25	26	26	25	25	24	Out of Service	26	24	25	26
Minimum Temperature (Min 95 °F)	99	100	100	100	100	100	Out of Service	100	100	100	99

OC San Plant 2	System Summary		Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	21	Out of Service	Out of Service	21	Out of Service	21	21	Out of Service	Out of Service	21	21	21	21	Out of Service	27	Out of Service	21	21
Minimum Temperature (Min 95 °F)	98	Out of Service	Out of Service	99	Out of Service	99	99	Out of Service	Out of Service	98	98	99	98	Out of Service	98	Out of Service	98	99

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.

## OCASAN ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: September 1- 30, 2023

#### Certifications:

**NPDES permit:** I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**503 Class B**: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

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Jim Spears

Jim Spears
Operations Manager

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Environmental Services Director

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RILLV-EX Christopher Myster Inf. Tom Meregillano 1/17/2024

Rachel Van Exel

Chris Myrter

Jackie Lerma

Tom Meregillano



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: October 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 10/03/23,10/10/23

	Mercury (mg/kg dry)		Cadmium (mg/kg dry)				Molybdenum (mg/kg dry)		Selenium (mg/kg dry)		Ammonia Nitrogen (mg/kg dry)	Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	рН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.49	6.5 DNQ	3.8	49	450	13	16	45	7.8 DNQ	810	5,800	49,000	53,000	7.9	24	65
Plant 1 Avg	0.47	6.2 DNQ	3.7	49	450	13	16	40	6.4 DNQ	800	5,000	48,000	53,000		24	
Plant 2 Max/Min*	0.56	7.4 DNQ	2.9	59	410	13	21	45	8.9 DNQ	860	4,800	49,000	52,000	7.7	27	64
Plant 2 Avg	0.50	7.4 DNQ	2.9	55	390	13	20	43	6.7 DNQ	820	4,100	42,000	46,000		27	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	25	26	26	25	25	24	28	Out of Service	24	26	26
Minimum Temperature (Min 95 °F)	99	99	100	100	100	100	100	Out of Service	100	100	99

OC San Plant 2	System Summary	Dig. C	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	25	Out of Service	Out of Service	25	Out of Service	25	25	Out of Service	Out of Service	25	25	25	25	Out of Service	26	Out of Service	25	25
Minimum Temperature (Min 95 °F)	98	Out of Service	Out of Service	99	Out of Service	99	99	Out of Service	Out of Service	99	99	98	99	Out of Service	99	Out of Service	99	99

DNQ (Detected, Not Quantified) represents estimated values above the method detection limit (MDL), but below the reporting limit (RL).

\*\* MCRT based on a 15-Day Rolling Average.

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

# ORANGE COUNTY SANITATION DISTRICT

#### **Biosolids Monthly Compliance Report**

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach, Monitoring Period: October 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

503 Class B: I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Arizona Class B: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

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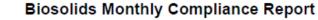
Christopher Myster Ind. Tom Meregillano 1/17/2024

Rachel Van Exel

Christopher Myrter

Jackie Lerma

Tom Meregillano





Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: November 1- 30, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 11/07/23,11/15/23 (Plant 1),11/07/23, 11/14/23 (Plant 2)

	Mercury (mg/kg dry)			Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)	Ammonia Nitrogen (mg/kg dry)	Nitrogen	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.78	<5.9	4.1	51	420	13	15	45	7.8 DNQ	760	7,800	49,000	55,000	7.7	24	62
Plant 1 Avg	0.62	<5.9	2.4 DNQ	48	390	12	13	43	7.3 DNQ	690	7,100	47,000	54,000		24	
Plant 2 Max/Min*	0.77	7.1 DNQ	2.5	60	330	13	15	34	8.9 DNQ	680	7,300	43,000	49,000	7.8	26	60
Plant 2 Avg	0.59	6.3 DNQ	1.6 DNQ	57	300	12	14	33	7.5 DNQ	630	6,500	41,000	48,000		26	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	25	26	26	25	25	23	25	Out of Service	Out of Service	25	26
Minimum Temperature (Min 95 °F)	99	100	100	100	100	100	100	Out of Service	Out of Service	100	99

OC San Plant 2	System Summary	_	Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	26	Out of Service	Out of Service	25	Out of Service	26	25		Out of Service	25	26	26	25	Out of Service	27	Out of Service	25	26
Minimum Temperature (Min 95 °F)	98	Out of Service	Out of Service	99	Out of Service	99	99	I	Out of Service	99	99	99	98	Out of Service	99	Out of Service	99	99

DNQ (Detected, Not Quantified) represents estimated values above the method detection limit (MDL), but below the reporting limit (RL).

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).

<sup>\*\*</sup> MCRT based on a 15-Day Rolling Average.



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: November 1- 30, 2023

#### Certifications:

**NPDES permit:** I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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**Arizona Class B**: I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

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Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,
Monitoring Period: December 1- 31, 2023

This notice and necessary information demonstrates compliance with requirements of the Code of Federal Regulations Title 40 Part 503 and the Arizona Administrative Code Title 18, Chapter 9, Article 10 for land application pollutant concentrations, Class B pathogen reduction via anaerobic digestion (40CFR 503.32(b)(3)(A)(3), AAC R18-9-1006(E)(5)), and vector attraction reduction via volatile solids reduction (40CFR 503.33(b)(1), AAC R18-9-1010(A)(1)).

Sampling date(s): 12/05/23,12/12/23

	Mercury (mg/kg dry)	Arsenic (mg/kg dry)		Chromium (mg/kg dry)			Molybdenum (mg/kg dry)		Selenium (mg/kg dry)	(mg/kg dry)		Organic Nitrogen (mg/kg dry)	Total Nitrogen (mg/kg dry)	pН	Total Solids (%)	VSR (%)
Plant 1 Max/Min*	0.52	6.8 DNQ	3.9	38	430	13	13	39	5.4 DNQ	740	6,800	46,000	52,000	7.7	25	65
Plant 1 Avg	0.48	6.7 DNQ	3.8	38	420	7.3 DNQ	13	36	5.1 DNQ	730	6,100	46,000	52,000		25	
Plant 2 Max/Min*	0.75	8.7 DNQ	2.2	49	290	11	14	31	5.7 DNQ	630	6,300	49,000	55,000	7.8	25	64
Plant 2 Avg	0.64	8.6 DNQ	2.2	48	290	6.3 DNQ	14	29	5.2 DNQ	620	5,300	47,000	52,000		26	
Table 1 (Max/Min)*	57	75	85	3000	4300	840	75	420	100	7500	N/A	N/A	N/A	6.5	15	38
Table 3 (Avg)	17	41	39	N/A	1500	300	N/A	420	100	2800	N/A	N/A	N/A	N/A	N/A	N/A

OC San Plant 1	System Summary	Dig. 7	Dig. 8	Dig. 9	Dig. 10	Dig. 11	Dig. 12	Dig. 13	Dig. 14	Dig. 15	Dig. 16
Minimum Mean Cell Residence Time (Min 15 days)**	25	25	25	25	25	23	25	Out of Service	Out of Service	25	25
Minimum Temperature (Min 95 °F)	99	99	100	100	100	100	100	Out of Service	Out of Service	100	100

OC San Plant 2	System Summary		Dig. D	Dig. E	Dig. F	Dig. G	Dig. H	Dig. I	Dig. J	Dig. L	Dig. M	Dig. N	Dig. O	Dig. P	Dig. Q	Dig. R	Dig. S	Dig. T
Minimum Mean Cell Residence Time (Min 15 days)**	25	Out of Service	Out of Service	25	Out of Service	25	25	Out of Service	Out of Service	25	25	25	25	Out of Service	25	Out of Service	25	25
Minimum Temperature (Min 95 °F)	97	Out of Service	Out of Service	98	Out of Service	98	99	Out of Service	Out of Service	98	99	97	97	Out of Service	99	Out of Service	99	99

DNQ (Detected, Not Quantified) represents estimated values above the method detection limit (MDL), but below the reporting limit (RL).

\*\* MCRT based on a 15-Day Rolling Average.

<sup>\*</sup> Maximum values are reported for metals and nitrogen parameters; minimum values are reported for pH, volatile solids reduction (VSR) and total solids. Analysis of pH is conducted to comply with AAC R18-9-1007(A)(1). The limit for total solids applies only if biosolids are sent to a California landfill, per CCR Title 27 Section 20220(c)(3).



Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach,

Monitoring Period: December 1- 31, 2023

#### Certifications:

NPDES permit: I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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# Appendix B. Pretreatment Program Annual Report, Chapter 8 Solids Management Program

#### **Chapter 8. Solids Management Program**

#### 8.1 Introduction

This section provides an overview of OC San's Biosolids Program, focusing on biosolids quality with respect to metals. Biosolids are nutrient-rich, treated organic matter recovered through the treatment of wastewater. These solids are considered a resource because of their nutrient and energy values, and they are recyclable in part because of their low metal content. The pretreatment program is a key element in ensuring the recyclability of OC San's biosolids by minimizing the discharge of heavy metals and other undesirable constituents into the collection system and ultimately the treated solids, which are used to fertilize farms.

OC San's annual biosolids compliance report was completed, submitted to regulators, and posted online in February 2023. Visit <a href="www.ocsan.gov/503">www.ocsan.gov/503</a> to access the most recent document that contains Biosolids Program information, regulations, quantities, policies, guiding principles, and how and where biosolids are recycled.

#### 8.2 Biosolids Quality

Biosolids quality plays an important role in ensuring the continued recyclability of OC San's biosolids. OC San's pretreatment program has been extremely effective in reducing and maintaining levels of pollutants (e.g., OC San's influent sewage meets drinking water standards for the biosolids monitoring metals). The ceiling concentrations and EQ concentrations promulgated by the US EPA's biosolids regulations (40 CFR 503) are presented in Figure 8-1 through Figure 8-10 as a reference. For FY 2022/23, OC San biosolids met EQ limits for all the regulated parameters as shown in Table 8.1.

Table 8.1	Trends in Trac Milligrams per Orange County	Dry Kilogra	am				3-2022/23	, in
	-	-		Plant 1			Plant 2	
Metal	FY	EQ Limit	Min	Max	Avg	Min	Max	Avg
	2012-13		0	7.8	4.7	2.0	10	7.0
	2013-14*		3.5	9.5	5.8	5.4	11	8.4
	2014-15		4.5	11	7.2	7.8	12	9.3
	2015-16*		6.3	12	8.3	6.2	12	9.2
	2016-17*		6.7	12	8.1	5.6	12	8.6
Arsenic	2017-18*	41	7.2	16	9.9	7.9	16	11
	2018-19*		7.3	24	16	9.4	24	18
	2019-20*		1.3	8.8	5.4	1.3	12	5.5
	2020-21*		1.3	14	8.9	1.2	19	12
	2021-22		7.3	10.5	8.6	9.8	13.5	11
	2022-23		7.1	10	8.8	8.2	14	11
	2012-13		2.6	7.8	4.7	1.9	4.4	3.1
	2013-14*		1.6	11	3.9	2.1	6.0	3.5
	2014-15		2.7	7.8	5.1	3.1	5.8	4.0
	2015-16*		1.3	4.7	2.5	2.0	4.5	3.0
	2016-17		2.6	3.1	2.3	2.0	3.8	3.0
Cadmium	2017-18*	39	1.7	4.4	3.0	2.5	7.7	5.1
	2018-19*		1.2	3.0	1.6	2.7	8.4	4.2
	2019-20*		1.3	2.7	1.9	2.2	8.4	3.3
	2020-21*		0.9	1.6	1.3	1.6	2.5	2.0
	2021-22		0.6	1.5	1.1	1.1	1.4	1.3
	2022-23		0.7	4.6	1.9	0.6	4.9	1.7
	2012-13		42	56	49	42	59	49
Chromium	2013-14	**	39	52	45	40	53	46
	2014-15		30	51	40	34	70	46

Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2022/23, in Milligrams per Dry Kilogram
Orange County Sanitation District, Resource Protection Division Table 8.1

				Plant 1			Plant 2	
Metal	FY	EQ Limit	Min	Max	Avg	Min	Max	Avg
	2015-16		31	89	46	28	60	46
	2016-17		30	89	49	29	67	46
Ī	2017-18		27	38	34	38	54	44
Ī	2018-19		29	58	39	32	53	45
	2019-20	7	37	51	45	35	49	42
	2020-21		43	54	48	42	65	51
	2021-22		34	49	41	41	52	45
	2022-23	1	34	42	37	34	51	42
	2012-13		480	640	540	500	640	540
	2013-14	1	460	540	510	470	540	500
İ	2014-15	7	320	570	470	320	560	470
İ	2015-16	<del>-</del>	380	560	460	340	570	480
	2016-17	<del> </del>	400	560	460	340	570	490
Copper	2017-18	1,500	320	500	420	380	590	460
оорро.	2018-19	1,000	355	600	470	335	665	510
-	2019-20	+	440	600	530	410	590	490
-	2020-21	+	470	660	530	420	520	460
-	2021-22	+	425	550	490	320	440	370
-	2022-23	+	385	500	450	305	375	340
	2012-13		7.5	19	15	7.5	17	14
+	2013-14*	+	13	18	14	13	17	14
+	2014-15 <sup>*</sup>	+	8.7	15	13	9.0	17	13
+	2015-16*	+	8.3	20	12	8.0	17	13
+	2016-17*	+	7.9	20	11	7.5	17	12
Lead	2017-18 <sup>*</sup>	300	8.9	19	12	10	16	13
Leau	2018-19	300	9.9	15	12	10	15	13
+	2019-20	+	9.8	14	12	14	24	17
+	2020-21	+	2.2	15	6.8	2.7	18	7.5
+	2021-22	+	4.9	8.1	6.2	2.7	7.4	4.6
+	2022-23	+	2.7	11	6.4	0.8	11	4.7
	2012-13		0.7	4.1	1.5	0.8	3.8	1.4
+	2013-14	+	0.8	1.2	1.0	0.7	2.8	1.4
+	2014-15	+	1.0	1.5	1.1	1.0	1.5	1.0
+	2015-16	+	0.6	1.7	0.9	0.6	1.2	1.0
+	2016-17	+	0.5	1.7	0.9	0.7	1.2	0.9
Mercury	2017-18	17	0.7	1.1	0.9	0.3	1.1	0.8
Wichdary	2018-19	┪ '′	0.6	1.1	0.9	0.6	1.0	0.8
+	2019-20	+	0.5	1.2	0.8	0.5	0.8	0.6
+	2020-21	+	0.5	1.0	0.7	0.4	0.9	0.6
+	2020-21	1	0.5	0.8	0.6	0.4	1	0.5
	2022-23	+	0.5	0.8	0.7	0.4	0.7	0.5
	2012-23		9.8	20	14	12	20	15
+	2012-13	1	12	18	15	14	18	15
}	2013-14	-	9.4	18	15	12	20	16
Molybdenum	2014-15	**	9.4	18	15	11	23	16
worybuerium	2015-16	-	12	18	15	11	23	16
}	2010-17	-	10	16	14	13	18	15
-		-						1
	2018-19		13	20	16	15	22	18

Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2022/23, in Milligrams per Dry Kilogram
Orange County Sanitation District, Resource Protection Division Table 8.1

				Plant 1			Plant 2	
Metal	FY	EQ Limit	Min	Max	Avg	Min	Max	Avg
	2019-20		14	22	18	14	24	18
	2020-21	1	15	21	18	17	23	20
	2021-22	1	13	20	16	14	21	18
	2022-23		14	23	17	15	30	19
	2012-13		34	48	40	23	41	30
	2013-14	1	36	55	43	28	56	37
	2014-15	1	26	47	37	26	41	34
	2015-16*	1	29	45	38	20	41	33
	2016-17	1	25	45	36	21	41	32
Nickel	2017-18	420	28	37	32	31	39	34
	2018-19	1	23	44	33	29	44	37
	2019-20	1	27	41	35	26	46	35
	2020-21	1	28	46	36	26	33	29
	2021-22	1	23	33	28	25	30	26
	2022-23	1	27	36	31	23	30	25
	2012-13		0	20	9.0	0	20	8.0
	2013-14*	1	3.5	13	7.9	4.2	13	8.3
	2014-15*	1	4.1	13	7.1	4.5	15	7.3
	2015-16*	1	4.4	11	8.1	3.7	10	7.6
	2016-17*	1	4.1	10	8.4	4.8	10	8.0
Selenium	2017-18*	100	3.0	7.8	4.9	2.7	8.0	4.9
Colornain	2018-19*	- 100	2.5	48	6.6	2.3	2.9	2.7
	2019-20*	1	0.9	12	3.7	0.9	12	3.5
	2020-21*	1	1.0	12	6.5	0.9	10	6.3
	2021-22	1	6.7	9.3	8.0	7.5	11	9.2
	2022-23	1	5.7	11	8.4	4.5	11	8.3
	2012-13		6.2	14	8.6	6.4	13	8.6
	2013-14*	1	2.9	7.6	5.3	3.6	9.1	6.3
	2014-15*	1	3.3	7.8	5.8	3.4	8.6	6.5
	2015-16*	1	2.4	7.7	5.6	2.5	7.9	5.6
	2016-17*	1	2.7	5.6	4.4	2.5	6.8	4.9
Silver	2017-18*	**	3.2	5.1	3.9	3.7	5.0	4.2
0	2018-19*	1	2.9	5.1	4.0	3.5	5.8	4.3
	2019-20*	1	3.0	5.0	4.0	2.7	5.8	4.0
	2020-21*	1	2.6	3.8	3.3	2.5	3.2	2.7
	2021-22	1	2.1	3.6	2.6	1.4	2.5	1.9
	2022-23	1	2.3	3.5	2.9	1.2	2.5	1.8
	2012-13		640	860	720	680	880	770
	2013-14	1	590	730	670	620	750	700
	2014-15	1	420	720	620	470	740	670
	2015-16	1	500	770	620	520	890	730
	2016-17	1	550	770	610	520	890	740
Zinc	2017-18	2,800	470	680	600	590	910	720
0	2018-19		520	810	600	500	790	720
	2019-20	†	640	810	760	590	890	720
	2020-21	†	710	875	800	680	780	740
	2020-21	†	675	835	790	655	745	690
	2021-22	┪	665	850	760	580	770	660

Tab	Table 8.1 Trends in Trace Metal Content of Biosolids, Fiscal Years 2012/13-2022/23, in Milligrams per Dry Kilogram Orange County Sanitation District, Resource Protection Division										
	Plant 1 Plant 2										
	Metal	FY	EQ Limit	Min	Max	Avg	Min	Max	Avg		
ND	Non-dete	ect				-					
*	Calculati	ons included data	below the reporting	ng limit, but a	bove the met	thod detectio	n limit, and w	vere therefore	e flagged		
	as "detec	cted not quantified	I" or the method de	etection limit	was substitut	ted for non-d	etect values.				
**	US EPA'	s extensive health	risk analysis dete	rmined that	no limits were	e needed for	these metals	(EPA 40 CF	R 503).		

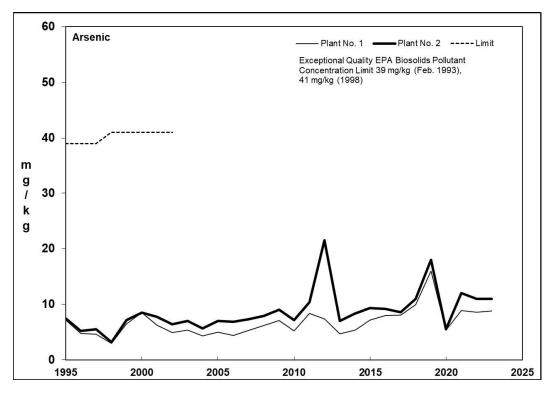


Figure 8-1 Trends in Concentrations of Arsenic in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

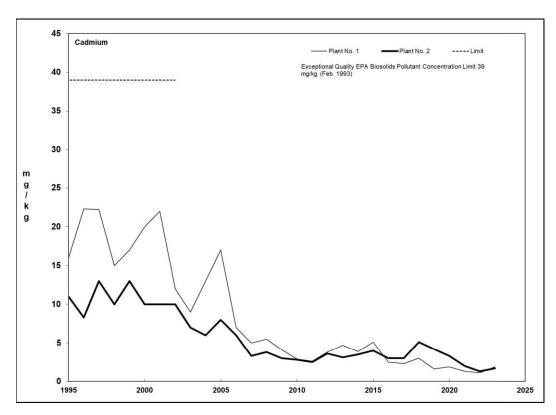


Figure 8-2 Trends in Concentrations of Cadmium in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

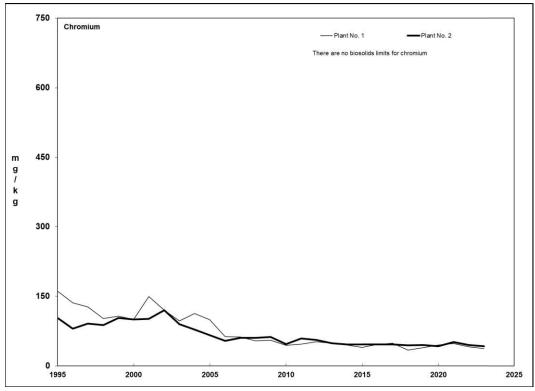


Figure 8-3 Trends in Concentrations of Chromium in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

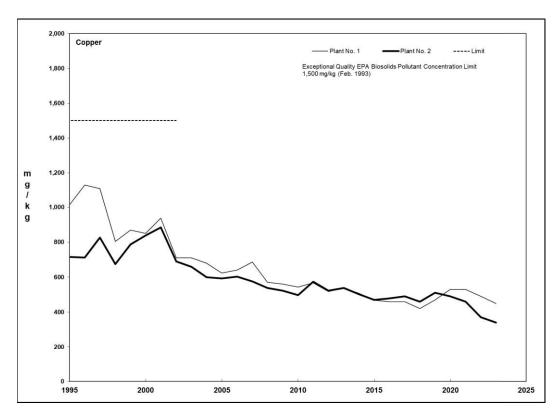


Figure 8-4 Trends in Concentrations of Copper in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

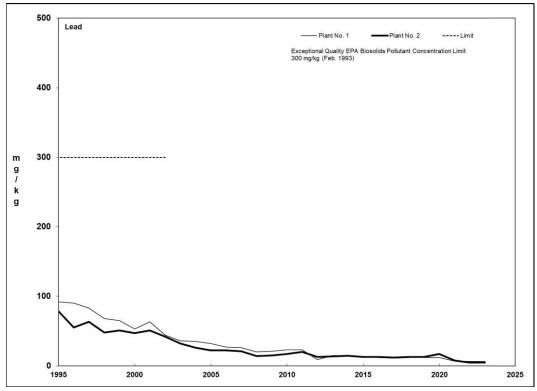


Figure 8-5 Trends in Concentrations of Lead in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

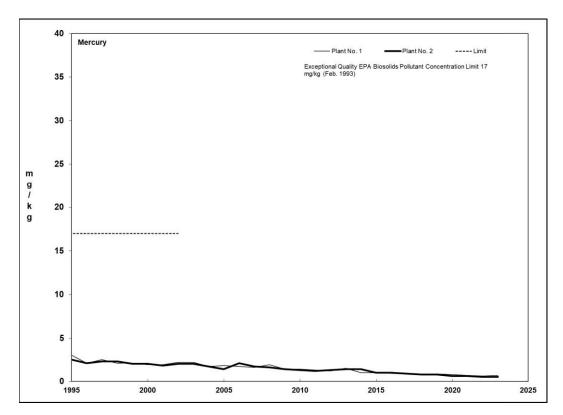


Figure 8-6 Trends in Concentrations of Mercury in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

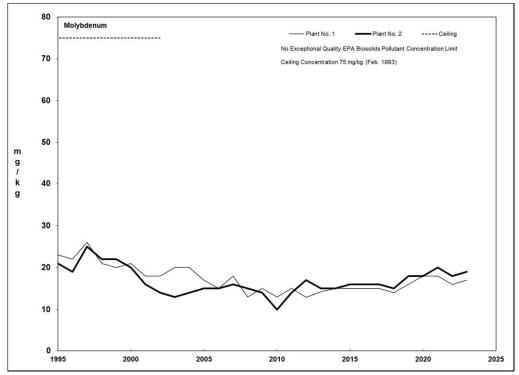


Figure 8-7 Trends in Concentrations of Molybdenum in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

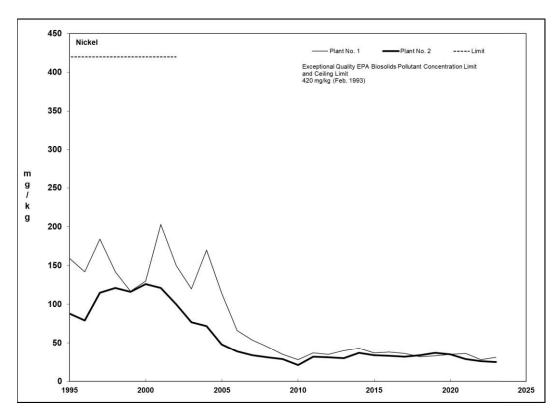


Figure 8-8 Trends in Concentrations of Nickel in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

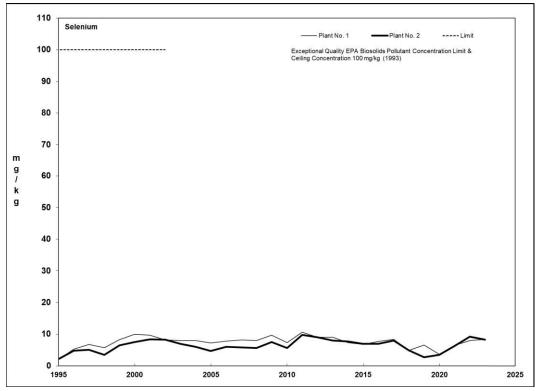


Figure 8-9 Trends in Concentrations of Selenium in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

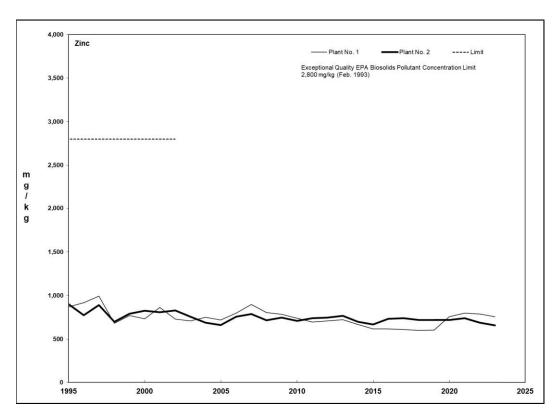


Figure 8-10 Trends in Concentrations of Zinc in Biosolids, Fiscal Years 1994/95-2022/23
Orange County Sanitation District, Resource Protection Division

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
General	Ammonia-N	SM 4500 NH3 D	mg/kg	Plant 1	01/10/2023	1500	69	190
hemistry			99	Dewatering Cake	01/17/2023	1200	75	210
nioimou y				Dowatoring oako	02/07/2023	1800	82	230
					02/14/2023	2400	82	230
					03/07/2023	2300	82	230
					03/14/2023	2000	82	230
					04/04/2023	1500	90	250
					04/11/2023	1800	90	250
					05/02/2023	1300	90	250
					05/09/2023	1500	90	250
					06/06/2023	3400	90	250
					06/13/2023	2600	69	190
					07/11/2023		90	250
						1600		
					07/17/2023	1200	90	250
					08/08/2023	1800	82	230
					08/22/2023	1300	90	250
					09/19/2023	2600	75	210
								140
					10/03/2023	1400	50	
					10/10/2023	1000	90	250
					11/07/2023	1500	82	230
					11/15/2023	1900	90	250
					12/05/2023	1400	60	170
					12/12/2023	1700	82	230
					Annual Mean	1800		
					Annual Max	3400		
			mg/kg dry weight	Plant 1	01/10/2023	5700	260	730
			gg ary worgill	Dewatering Cake	01/17/2023	5000	320	880
				Dewatering Cake				
					02/07/2023	7400	340	950
					02/14/2023	9500	320	910
					03/07/2023	9200	330	920
					03/14/2023	8100	330	930
					04/04/2023	5900	360	990
					04/11/2023	7300	370	1000
					05/02/2023	5400	370	1000
					05/09/2023	6400	380	1100
					06/06/2023	14000	380	1000
					06/13/2023	11000	290	810
					07/11/2023	6700	380	1000
					07/17/2023	5100	380	1100
					08/08/2023	7600	350	970
				08/22/2023	5200	360	1000	
					09/19/2023	10000	290	820
					10/03/2023	5800	210	580
					10/10/2023	4100	370	1000
					11/07/2023	6300	350	970
					11/15/2023	7800	370	1000
					12/05/2023	5400	230	660
					12/12/2023	6800	330	920
					Annual Mean	7200		
					Annual Max	14000		
		CM 4500 NILIO D	ma millem	Diamt 0			00	220
		SM 4500 NH3 D	mg/kg	Plant 2	01/10/2023	1300	82	230
				Dewatering Cake	01/17/2023	2300	82	230
					02/07/2023	1600	90	250
					02/14/2023	2800	90	250
					03/07/2023	1100	82	230
	1	1			03/14/2023	2200	90	250
						1400	90	250
					04/04/2023			
					04/04/2023	860	90	250
					04/11/2023	860		
					04/11/2023 05/02/2023	860 1200	90	250
					04/11/2023 05/02/2023 05/09/2023	860 1200 850	90 90	250 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023	860 1200 850 2000	90 90 90	250 250 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	860 1200 850 2000 1200	90 90 90 60	250 250 250 170
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	860 1200 850 2000	90 90 90	250 250 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	860 1200 850 2000 1200 1500	90 90 90 60 90	250 250 250 250 170 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023	860 1200 850 2000 1200 1500 1000	90 90 90 60 90	250 250 250 250 170 250 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023	860 1200 850 2000 1200 1500 1000 1600	90 90 90 60 90 90 75	250 250 250 250 170 250 250 210
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023	860 1200 850 2000 1200 1500 1000 1600	90 90 90 60 90 90 75	250 250 250 250 170 250 250 210 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800	90 90 90 60 90 90 75 90 69	250 250 250 170 250 250 210 250 190
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800	90 90 90 60 90 90 75 90 69	250 250 250 170 250 250 210 250 190
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900	90 90 90 60 90 90 75 90 69	250 250 250 170 250 250 210 250 290 190
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300	90 90 90 60 90 90 75 90 69 45	250 250 250 170 250 250 210 250 190 130
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500	90 90 90 60 90 90 75 90 69 45 69 82	250 250 250 170 250 250 210 250 190 130 190 230
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500	90 90 90 60 90 75 90 69 45 69 82	250 250 250 170 250 250 210 250 190 130 190 230 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500	90 90 90 60 90 90 75 90 69 45 69 82	250 250 250 170 250 250 210 250 190 130 190 230
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/10/2023 12/05/2023	860 1200 850 2000 1200 1500 1600 1300 2800 900 1300 1500 1900	90 90 90 60 90 75 90 69 45 69 82 90 60	250 250 250 170 250 250 210 250 190 130 190 230 250 170
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023 12/12/2023	860 1200 850 2000 1200 1500 1600 1300 2800 900 1300 1500 1100 1100	90 90 90 60 90 75 90 69 45 69 82	250 250 250 170 250 250 210 250 190 130 190 230 250
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 09/19/2023 10/10/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean	860 1200 850 2000 1200 1500 1600 1300 2800 900 1300 1500 1100 1600 1500	90 90 90 60 90 75 90 69 45 69 82 90 60	250 250 250 170 250 250 210 250 190 130 190 230 250 170
					04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800	90 90 90 60 90 75 90 69 45 69 82 90 60	250 250 250 170 250 250 210 250 190 130 190 230 250 170
			mg/kg dry weight	Plant 2	04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800	90 90 90 90 60 90 90 75 90 69 45 69 82 90 60 64	250 250 250 170 250 250 210 250 190 130 190 230 250 170 180
			mg/kg dry weight	Plant 2	04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 12/12/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800 4900	90 90 90 90 60 90 90 75 90 69 45 69 82 90 60 64	250 250 250 170 250 250 210 250 190 130 190 230 250 170 180
			mg/kg dry weight	Plant 2 Dewatering Cake	04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/12/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800 4900 8500	90 90 90 60 90 90 75 90 69 45 69 82 90 60 64	250 250 250 170 250 250 210 250 190 130 190 230 250 170 180
			mg/kg dry weight		04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 07/11/2023 07/11/2023 08/08/2023 08/12/2023 09/19/2023 10/10/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023	860 1200 850 2000 1200 1500 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800 4900 8500 5900	90 90 90 60 90 90 75 90 69 45 69 82 90 60 64	250 250 250 170 250 250 210 250 190 130 190 230 250 170 180 860 850 920
			mg/kg dry weight		04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/12/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	860 1200 850 2000 1200 1500 1000 1600 1300 2800 900 1300 1500 1900 1100 1600 1500 2800 4900 8500	90 90 90 60 90 90 75 90 69 45 69 82 90 60 64	250 250 250 170 250 250 210 250 190 130 190 230 250 170 180

Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				03/14/2023	8300	340	940
				04/04/2023	5100	330	910
				04/11/2023	3100	330	910
				05/02/2023	4600	340	950
				05/09/2023	3400	360	1000
				06/06/2023	7400	330	930
				06/13/2023	4400	220	630
				07/11/2023		320	890
					5400		
				07/18/2023	3800	340	940
				08/08/2023	6100	290	800
				08/22/2023	5300	370	1000
				09/19/2023	10000	260	710
				10/03/2023	3300	170	480
				10/10/2023	4800	250	700
				11/07/2023	5600	310	860
				11/14/2023	7300	350	970
				12/05/2023	4200	230	650
				12/12/2023	6300	250	710
				Annual Mean	5700		
					10000		
	==			Annual Max		1	
Fluoride	EPA 9056A	mg/kg dry weight	Plant 1	01/10/2023	11	1.2	3.8
		1	Dewatering Cake	07/11/2023	ND	1.3	4.2
			Dowatering bane			1.0	1.2
				Annual Mean	6.1 DNQ		
				Annual Max	11		
	EPA 9056A	mg/kg dry weight	Plant 2	01/10/2023	7.9	1.2	3.7
	LFA 3000A	ing/kg dry weight					
			Dewatering Cake	07/11/2023	ND	1.1	3.6
				Annual Mean	4.5 DNQ		
				Annual Max	7.9		
Fluoride wet	EPA 9056A	mg/kg	Plant 1	01/10/2023	3.0	0.31	1.0
		99		07/11/2023	ND		
weight			Dewatering Cake			0.31	1.0
				Annual Mean	1.7 DNQ		
				Annual Max	3.0		
	=======================================	,					<u> </u>
	EPA 9056A	mg/kg	Plant 2	01/10/2023	2.1	0.31	1.0
			Dewatering Cake	07/11/2023	ND	0.31	1.0
			2 o matorning o anto			0.01	1.0
				Annual Mean	1.2 DNQ		
				Annual Max	2.1		
Hexavalent	EPA 7196A	mg/kg dry weight	Plant 1	01/10/2023	ND	1.1	3.0
	-1 // 130A	Ingring ury weigill					
Chromium			Dewatering Cake	07/11/2023	ND	12	33
				Annual Mean	<12	1	
					<12		
		1		Annual Max			
	EPA 7196A	mg/kg dry weight	Plant 2	01/10/2023	ND	1.0	2.9
			Dewatering Cake	07/11/2023	ND	10	28
			Dewatering Cake			10	20
				Annual Mean	<10		
				Annual Max	<10		
Hexavalent	EPA 7196A	ma/ka	Plant 1	01/10/2023	ND	0.29	0.79
	EFA / 190A	mg/kg		01/10/2023			
Chromium wet			Dewatering Cake		ND	2.9	7.9
				07/11/2023			
weight				Annual Mean	<2.9		
	EPA 7196A	ma/ka	Plant 2	Annual Mean Annual Max	<2.9 <2.9	0.28	0.78
	EPA 7196A	mg/kg	Plant 2	Annual Mean Annual Max 01/10/2023	<2.9 <2.9 ND	0.28	0.78
	EPA 7196A	mg/kg	Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023	<2.9 <2.9 ND ND	0.28 2.8	0.78 7.8
	EPA 7196A	mg/kg		Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	<2.9 <2.9 ND ND <2.8		
	EPA 7196A	mg/kg		Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	<2.9 <2.9 ND ND <2.8		
weight			Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max	<2.9 <2.9 ND ND SCRIPT STREET	2.8	7.8
weight	EPA 7196A  EPA 351.2	mg/kg	Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000	900	7.8
weight			Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000	2.8	7.8
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000	900	7.8 1800 1800
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000	900 880 1000	7.8 1800 1800 2100
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 14000 14000	900 880 1000 950	7.8 1800 1800 2100 1900
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 14000 14000	900 880 1000 950	7.8 1800 1800 2100 1900
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 16000	900 880 1000 950 790	7.8 1800 1800 2100 1900 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000	900 880 1000 950 790 800	7.8 1800 1800 2100 1900 1600 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 16000	900 880 1000 950 790	7.8 1800 1800 2100 1900 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/14/2023 04/04/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000	900 880 1000 950 790 800 570	7.8 1800 1800 2100 1900 1600 1100
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 14000 14000 14000	900 880 1000 950 790 800 570 630	7.8 1800 1800 2100 1900 1600 1100 1300
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 14000 14000 15000	900 880 1000 950 790 800 570	7.8  1800 1800 2100 1900 1600 1600 1100 1300
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 14000 14000 15000	900 880 1000 950 790 800 570 630 630	7.8  1800 1800 2100 1900 1600 1600 1100 1300
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 05/02/2023 05/09/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 14000 13000 14000 14000 15000 14000 15000 14000	900 880 1000 950 790 800 570 630 630 570	7.8  1800 1800 2100 1900 1600 1100 1300 1100
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 14000	900 880 1000 950 790 800 570 630 630 570 850	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 14000	900 880 1000 950 790 800 570 630 630 570 850	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 15000 15000 15000 15000 15000	900 880 1000 950 790 800 570 630 630 570 850 760	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 14000 15000 14000 15000 11000 15000 110000 110000 110000	900 880 1000 950 790 800 570 630 630 570 850 760 430	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 11700 1500 850
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 15000 15000 15000 15000 15000	900 880 1000 950 790 800 570 630 630 570 850 760 430	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 20/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/04/2023 04/04/2023 04/04/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023	<2.9 <2.9 ND ND Section 14000 14000 14000 14000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 14000 15000 14000	2.8 900 880 1000 950 790 800 570 630 630 570 850 760 430 790	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1100 1700 1500 850 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 14000 15000 14000 15000 110000 15000 110000 13000 13000 13000	2.8 900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 15000 14000 15000	2.8 900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 15000 14000 15000	2.8 900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 15000 18000 12000 13000 13000 14000 13000 14000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/07/2023 03/04/2023 04/04/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 08/19/2023 09/19/2023	<2.9 <2.9 ND ND <2.8 <2.8 42.8 41000 15000 14000 14000 14000 15000 14000 15000 14000 15000 14000 15000 15000 14000 15000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1700 1500 850 1600 2300 17700 1800 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/07/2023 03/04/2023 04/04/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 08/19/2023 09/19/2023	<2.9 <2.9 ND ND <2.8 <2.8 42.8 41000 15000 14000 14000 14000 15000 14000 15000 14000 15000 14000 15000 15000 14000 15000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1700 1500 850 1600 2300 17700 1800 1700
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023 04/04/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 08/19/2023 08/19/2023 10/10/2023	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 11000 13000 13000 13000 13000 13000 13000 13000 13000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1300 1400 1700 1500 850 1600 2300 1700 1800 1700 2000
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean O1/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 05/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 11/07/2023	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 13000 14000 13000 13000 13000 13000 13000 13000 13000 13000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500 850 1600 2300 17700 1800 1700 2000 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean O1/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 05/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 11/07/2023	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 16000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 13000 14000 13000 13000 13000 13000 13000 13000 13000 13000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500 850 1600 2300 17700 1800 1700 2000 1600
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 02/07/2023 02/07/2023 03/04/2023 03/04/2023 04/11/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/15/2023	<2.9 <2.9 ND ND Service Servic	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/19/2023 10/03/2023 10/10/2023 11/10/2023 11/10/2023 11/15/2023 11/15/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 18000 14000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200 1800
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/19/2023 10/03/2023 10/10/2023 11/10/2023 11/10/2023 11/15/2023 11/15/2023	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 16000 13000 15000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 18000 14000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200 1800
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 08/22/2023 10/03/2023 10/10/2023 11/10/2023 11/10/2023 11/10/2023 11/15/2023 12/05/2023	<2.9 <2.9 ND ND Self-self-self-self-self-self-self-self-s	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/117/2023 08/28/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 12/12/2023 Annual Mean	<2.9 <2.9 ND ND <2.8 <2.8 14000 15000 14000 14000 14000 15000 14000 15000 14000 15000 14000 15000 15000 14000 15000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200 1800
weight			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 08/22/2023 10/03/2023 10/10/2023 11/10/2023 11/10/2023 11/10/2023 11/15/2023 12/05/2023	<2.9 <2.9 ND ND Self-self-self-self-self-self-self-self-s	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590	7.8  1800 1800 2100 1900 1600 1100 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200 1800
weight		mg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590 900 1000	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500 850 1600 2300 17700 1800 1700 2000 1600 1200 1800 2100
weight			Plant 1 Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 05/02/2023 05/02/2023 06/03/2023 06/03/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/10/2023 11/07/2023 11/07/2023 11/07/2023 11/15/2023 12/15/2023 12/15/2023 12/15/2023 Annual Mean Annual Max 01/10/2023	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 16000 14000 16000 16000 14000 15000 14000 15000 14000 15000 14000 15000 13000 14000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590 900 1000	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500 850 1600 2300 1700 1800 1700 2000 1600 1200 1800 2100
weight		mg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max	<2.9 <2.9 ND ND ND <2.8 <2.8 14000 15000 14000 14000 16000 14000 15000 14000 15000 14000 15000 14000 15000 14000 15000 13000	2.8  900 880 1000 950 790 800 570 630 630 570 850 760 430 790 1200 850 910 850 1000 810 590 900 1000	7.8  1800 1800 2100 1900 1600 1600 1100 1300 1300 1100 1700 1500 850 1600 2300 17700 1800 1700 2000 1600 1200 1800 2100

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					02/14/2023	55000	3800	7500
					03/07/2023	64000	3200	6400
					03/14/2023	53000	3300	6500
					04/04/2023	63000	2300	4300
					04/11/2023	57000	2600	5300
					05/02/2023	62000	2600	5400
					05/09/2023	76000	2400	4700
					06/06/2023	50000	3600	7100
					06/13/2023	43000	3200	6400
					07/11/2023	54000	1800	3500
					07/17/2023	59000	3300	6800
					08/08/2023	55000	5100	9700
					08/22/2023	52000	3400	6800
					09/19/2023	54000	3500	7000
					10/03/2023	53000	3500	7000
					10/10/2023	53000	4100	8100
					11/07/2023		3400	6800
						55000		
					11/15/2023	53000	2400	4900
					12/05/2023	51000	3500	7000
					12/12/2023	52000	4000	8400
							4000	0400
					Annual Mean	56000		
					Annual Max	76000		1
		EPA 351.2	mg/kg	Plant 2	01/10/2023	14000	780	1600
							700	
				Dewatering Cake	01/17/2023	14000		1400
					02/07/2023	15000	1100	2200
					02/14/2023	14000	1100	2200
					03/07/2023	14000	830	1700
					03/14/2023	13000	970	1900
					04/04/2023	11000	570	1100
Ī					04/11/2023	14000	630	1300
					05/02/2023	13000	570	1100
					05/09/2023	16000	570	1100
					06/06/2023	14000	890	1800
					06/13/2023	13000	910	1800
							470	930
					07/11/2023	15000		
Ī					07/18/2023	15000	830	1700
Ī					08/08/2023	13000	890	1800
I					08/22/2023	13000	810	1600
I								
I					09/19/2023	13000	940	1900
I					10/03/2023	14000	910	1800
I					10/10/2023	11000	830	1700
					11/07/2023	13000	830	1700
					11/14/2023	12000	720	1400
					12/05/2023	13000	820	1600
					12/12/2023	14000	1000	2100
					Annual Mean	14000		
					Annual Max	16000		
			manufication almost see a large	Dlant 0			2000	6000
			mg/kg dry weight	Plant 2	01/10/2023	52000	2900	6000
				Dewatering Cake	01/17/2023	52000	2600	5200
					02/07/2023	55000	4000	8100
Ī					02/14/2023	50000	4000	7900
Ī					02/17/2023			
1					03/07/2023	49000	2900	5900
					03/14/2023	49000	3700	7200
Ī					04/04/2023	40000	2100	4000
Ī								
Ī					04/11/2023	51000	2300	4700
1					05/02/2023	49000	2200	4200
	1				05/09/2023	64000	2300	4400
			1	1	COLOCIECE		3300	6700
						52000		
					06/06/2023	52000		
					06/06/2023 06/13/2023	48000	3400	6700
					06/06/2023 06/13/2023 07/11/2023			6700 3300
					06/06/2023 06/13/2023	48000	3400	6700
					06/06/2023 06/13/2023 07/11/2023 07/18/2023	48000 54000 57000	3400 1700 3100	6700 3300 6400
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023	48000 54000 57000 50000	3400 1700 3100 3400	6700 3300 6400 6900
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	48000 54000 57000 50000 53000	3400 1700 3100 3400 3300	6700 3300 6400 6900 6600
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	48000 54000 57000 50000 53000 48000	3400 1700 3100 3400 3300 3500	6700 3300 6400 6900 6600 7100
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	48000 54000 57000 50000 53000 48000	3400 1700 3100 3400 3300 3500	6700 3300 6400 6900 6600 7100
					06/06/2023 06/13/2023 07/11/2023 07/118/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	48000 54000 57000 50000 53000 48000 52000	3400 1700 3100 3400 3300 3500 3400	6700 3300 6400 6900 6600 7100 6700
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023	48000 54000 57000 50000 53000 48000 52000 40000	3400 1700 3100 3400 3300 3500 3400 3000	6700 3300 6400 6900 6600 7100 6700 6200
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000	3400 1700 3100 3400 3300 3500 3400 3000 3100	6700 3300 6400 6900 6600 7100 6700 6200 6400
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023	48000 54000 57000 50000 53000 48000 52000 40000	3400 1700 3100 3400 3300 3500 3400 3000 3100	6700 3300 6400 6900 6600 7100 6700 6200
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000 46000	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400
					06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023	48000 54000 57000 50000 53000 48000 52000 40000 46000 49000	3400 1700 3100 3400 3300 3500 3400 3400 3400 3400 3100 2800 3100	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100
					06/06/2023 06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 10/03/2023 10/10/2023 11/14/2023 11/14/2023 12/05/2023 12/12/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000 49000 55000	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400
					06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023	48000 54000 57000 50000 53000 48000 52000 40000 46000 49000	3400 1700 3100 3400 3300 3500 3400 3400 3400 3400 3100 2800 3100	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100
					06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 12/05/2023 Annual Mean	48000 54000 57000 50000 53000 48000 52000 40000 49000 49000 55000 51000	3400 1700 3100 3400 3300 3500 3400 3400 3400 3400 3100 2800 3100	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100
	Nitrate N	EDA COSOA		Digué é	06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	48000 54000 57000 50000 53000 48000 52000 40000 49000 49000 49000 55000 51000 64000	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300
	Nitrate-N	EPA 9056A	mg/kg	Plant 1	06/06/2023 06/13/2023 07/11/2023 07/118/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 12/12/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000 46000 49000 55000 51000 64000 ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300
	Nitrate-N	EPA 9056A	mg/kg	Plant 1 Dewatering Cake	06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	48000 54000 57000 50000 53000 48000 52000 40000 49000 49000 49000 55000 51000 64000	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	48000 54000 57000 50000 53000 48000 42000 49000 46000 49000 55000 51000 64000 ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000 46000 49000 55000 51000 64000 ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.24 0.49	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300  1.0 1.0
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/17/2023 02/17/2023	48000 54000 57000 50000 53000 48000 62000 49000 49000 49000 55000 51000 64000 ND ND ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.24 0.49 0.25	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	48000 54000 57000 50000 53000 48000 52000 40000 49000 46000 49000 55000 51000 64000 ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.24 0.49	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300 1.0 1.0
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023	48000 54000 57000 57000 50000 53000 48000 52000 40000 46000 49000 55000 51000 64000 ND ND ND ND ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.24 0.49 0.25 0.24	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300 1.0 1.0
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023	48000 54000 57000 57000 50000 53000 48000 52000 40000 49000 49000 55000 51000 64000 ND ND ND ND ND ND ND ND ND ND ND ND ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.49 0.25 0.24 0.48	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300 1.0 1.0 1.0 2.0 1.0
	Nitrate-N	EPA 9056A	mg/kg		06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023	48000 54000 57000 57000 50000 53000 48000 52000 40000 46000 49000 55000 51000 64000 ND ND ND ND ND	3400 1700 3100 3400 3300 3500 3400 3000 3100 2800 3100 3900 0.24 0.24 0.49 0.25 0.24	6700 3300 6400 6900 6600 7100 6700 6200 6400 5400 6100 8300 1.0 1.0

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					05/02/2023	ND	0.24	1.0
						ND	0.25	1.0
					05/09/2023			
					06/06/2023	0.34 DNQ	0.25	1.0
					06/13/2023	0.28 DNQ	0.25	1.0
					07/11/2023	ND	0.24	1.0
					07/17/2023	ND	0.49	2.0
					08/08/2023	ND	0.24	1.0
					08/22/2023	ND	0.49	2.0
					09/19/2023	ND	0.24	1.0
					10/03/2023	0.43 DNQ	0.24	1.0
					10/10/2023	ND	0.24	0.99
					11/07/2023	ND	0.25	1.0
					11/15/2023	ND	2.4	10
					12/05/2023	ND	1.2	5.0
					12/12/2023	ND	0.24	1.0
					Annual Mean	0.44 DNQ		
					Annual Max	0.43 DNQ		
			mg/kg dry weight	Plant 1	01/10/2023	ND	0.92	3.8
			ing/kg dry weight					4.2
				Dewatering Cake	01/17/2023	ND	1.0	
					02/07/2023	ND	2.0	8.3
					02/14/2023	ND	0.99	4.0
					03/07/2023	ND	0.96	4.0
					03/14/2023	ND	2.0	8.1
					04/04/2023	ND	0.95	3.9
					04/11/2023	ND	2.0	8.2
					05/02/2023	ND	0.99	4.1
					05/09/2023	ND	1.1	4.2
					06/06/2023	1.4 DNQ	1.0	4.2
					06/13/2023	1.2 DNQ	1.1	4.3
					07/11/2023	ND ND	1.0	4.2
					07/17/2023	ND	2.1	8.4
					08/08/2023	ND	1.0	4.2
					08/22/2023	ND	2.0	8.0
					09/19/2023	ND	0.93	3.9
					10/03/2023	1.8 DNQ	0.99	4.1
					10/10/2023	ND	0.98	4.0
					11/07/2023	ND	1.1	4.2
					11/15/2023	ND	9.8	41
					12/05/2023	ND	4.7	19
					12/12/2023	ND	0.96	4.0
					Annual Mean	1.8 DNQ		
					Annual Max	1.8 DNQ		
		EDA COECA	malka	Diant 2			0.24	1.0
		EPA 9056A	mg/kg	Plant 2	01/10/2023	ND	0.24	1.0
				Dewatering Cake	01/17/2023	ND	0.24	0.99
					02/07/2023	ND	0.49	2.0
					02/14/2023	ND	1.2	5.0
					03/07/2023	ND	0.24	1.0
					03/14/2023	0.60 DNQ	0.49	2.0
					0.1/0.1/0.000		0.01	
					04/04/2023	ND	0.24	0.99
					04/11/2023	ND	0.48	2.0
					05/02/2023	ND	0.24	0.99
					05/09/2023	ND	0.24	0.99
1	i	1	A contract of the contract of	i e	06/06/2023		0.24	1.0
1					06/06/2023	ND	0.24	1.0
					06/13/2023	ND ND	0.25	1.0
					06/13/2023 07/11/2023	ND ND 0.27 DNQ	0.25 0.24	1.0
					06/13/2023 07/11/2023 07/18/2023	ND ND 0.27 DNQ ND	0.25 0.24 0.49	1.0 1.0 2.0
					06/13/2023 07/11/2023 07/18/2023 08/08/2023	ND ND 0.27 DNQ ND ND	0.25 0.24 0.49 0.24	1.0 1.0 2.0 0.99
					06/13/2023 07/11/2023 07/18/2023 08/08/2023	ND ND 0.27 DNQ ND	0.25 0.24 0.49	1.0 1.0 2.0
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ	0.25 0.24 0.49 0.24 0.49	1.0 1.0 2.0 0.99
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND	0.25 0.24 0.49 0.24 0.49 0.25	1.0 1.0 2.0 0.99 2.0 1.0
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ	0.25 0.24 0.49 0.24 0.49 0.25 0.25	1.0 1.0 2.0 0.99 2.0 1.0
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	ND ND 0.27 DNQ ND ND ND 0.54 DNQ ND 0.30 DNQ ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.25	1.0 1.0 2.0 0.99 2.0 1.0 1.0
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.25 0.24	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/14/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND 0.30 DNQ ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/17/2023 11/14/2023 12/05/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99
					06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/17/2023 11/14/2023 12/05/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND 0.30 DNQ ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023 12/12/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 Annual Mean	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0
				Digna C	06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0
			mg/kg dry weight	Plant 2	06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0
			mg/kg dry weight	Plant 2 Dewatering Cake	06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7
			mg/kg dry weight		06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7
			mg/kg dry weight		06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023	ND ND 0.27 DNQ ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7 7.3
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023	ND ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 5.0 1.0 3.7 3.7 7.3 18 3.5
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/14/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 02/14/2023 03/07/2023 03/14/2023	ND ND 0.27 DNQ ND ND 0.54 DNQ ND 0.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 5.0 1.0 3.7 3.7 7.3 18 3.5 7.5
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023	ND ND O.27 DNQ ND ND O.34 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.29 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 5.0 1.0 3.7 3.7 7.3 18 3.5 7.5 3.6
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 02/14/2023 03/14/2023 04/04/2023 04/11/2023	ND ND O.27 DNQ ND ND O.54 DNQ ND O.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88 1.7	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 7.3 18 3.5 7.5 3.6 7.3
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 02/14/2023 03/14/2023 04/04/2023 04/11/2023	ND ND O.27 DNQ ND ND O.54 DNQ ND O.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88 1.7	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 7.3 18 3.5 7.5 3.6 7.3
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/02/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 04/14/2023 04/14/2023 04/14/2023	ND ND O.27 DNQ ND ND O.54 DNQ ND O.30 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.88 1.7 0.91	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7 7.3 18 3.5 7.5 3.6 7.3 3.8
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/08/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/11/2023 05/02/2023 05/09/2023	ND ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88 1.7 0.91 0.96	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7 7.3 18 3.5 7.5 3.6 7.3 3.8 4.0
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/10/2023 11/14/2023 12/15/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 04/04/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 05/09/2023 06/06/2023	ND ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88 1.7 0.91 0.96 0.89	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 1.0 5.0 1.0 3.7 3.7 3.7 7.3 18 3.5 7.5 3.6 7.3 3.8 4.0 3.7
			mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/08/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/11/2023 05/02/2023 05/09/2023	ND ND ND 0.27 DNQ ND ND 0.54 DNQ ND ND ND ND ND ND ND ND ND ND ND ND ND	0.25 0.24 0.49 0.24 0.49 0.25 0.25 0.24 0.24 2.5 1.2 0.24 0.90 0.89 1.8 4.3 0.84 1.8 0.88 1.7 0.91 0.96	1.0 1.0 2.0 0.99 2.0 1.0 1.0 1.0 0.99 10 5.0 1.0 3.7 3.7 7.3 18 3.5 7.5 3.6 7.3 3.8 4.0

Page   Page	Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
Minto-N   BPA 0056A   mg/kg   Plant 1   Desidering Cabe   Design 2002   S. 2   DNQ   D.						07/18/2023	ND	1.8	7.5
Nibite N									
Mintrie-N									
Nitrite-N									
Nitrition   Nitr									
Nitrite-N									
Nitrite=N						10/10/2023			
Plant 1						11/07/2023	ND	0.90	3.7
Plant 1						11/14/2023	ND	9.7	39
12/12/2023   NO									
Nibrite-N   EPA 9058A   mg/kg   Plant 1   Devalering Cabe   Deva									
Natritie N								0.01	0.0
Notice-N									
Dewaltering Cake	-	NIN N NI	EDA 0050A		DI 14			0.40	4.0
		Nitrite-N	EPA 9056A	mg/kg					
Plant 1   Development   Deve					Dewatering Cake				
0997/2023   NO   0.18   1.0									
BOSTIADOSS   NO   0.36   2.0						02/14/2023	ND	0.18	1.0
OHIVAPEDIS   NO						03/07/2023	ND	0.18	1.0
OHIVAPEDIS   NO									2.0
Math   Mathematical									
B6502/2023   2.7									
Big   Big									
Best   1.0									
Best   1.0									
March   Marc						06/13/2023	2.1		1.0
OPTITIZED   OSS DNC   0.36   2.0						07/11/2023		0.18	1.0
Bost   Bost									
Beautified   Bea									
Og919/2023 ND									
### 1003/2023 ND 0.18 1.0 ### 1007/2023 ND 0.18 0.99 ### 1107/2023 ND 0.18 1.0 ### 1107/2023 ND 0.18 1.0 ### 1107/2023 ND 0.18 1.0 ### 1107/2023 ND 0.90 5.0 ### 1207/2023 ND 0.90 5.0 ### 1207/2023 ND 0.90 5.0 ### 1									
Toriginal Color									
Ti107/2023   ND									
### 11/15/2023 ND 1.8 10 10 12/12/2023 ND 0.99 5.0 12/12/2023 ND 0.99 5.0 12/12/2023 ND 0.99 5.0 12/12/2023 ND 0.99 5.0 12/12/2023 ND 0.98 1.0 ND 0.99 1.0 ND 0.98 1.0 ND 0.99									
12/05/2023   ND   0.18   1.0					11/07/2023			1.0	
Table   Tabl					11/15/2023	ND	1.8	10	
Table   Tabl					12/05/2023	ND	0.90	5.0	
### Annual Mean ### 1,0 DNQ ##									
Plant 1   Direction   Direct									-
Mg/kg dry weight   Plant 1   Dewatering Cake									
Dewatering Case				ma/ka daywaisht	Diant 1			0.60	3 0
Page   Page				mg/kg ary weight					
Part   Part					Dewatering Cake				
Bound   Boun									
BAND   1.5									
D4/04/2023 ND 0.71 3.9						03/07/2023	ND	0.72	4.0
D4/04/2023 ND 0.71 3.9								1.5	8.1
D4/11/2023   21   1.5   8.2									
D5/02/2023									
BPA 9056A   mg/kg   Plant 2   Dewatering Cake									
D6/06/2023   ND   0.75   4.2									
Beautiful Care   Beau									
FPA 9056A   mg/kg   Plant 2   Dewatering Cake								0.75	4.2
Plant 2   Dewatering Cake									
BPA 9056A   Mg/kg   Plant 2   Dewatering Cake   Di/17/2023   ND   Di/18   Di/19/2023   Di/10/2023   ND   Di/18   Di/19/2023   Di/10/2023   Di/10/2						07/11/2023			
BPA 9056A   Mg/kg   Plant 2   Dewatering Cake   Di/17/2023   ND   Di/18   Di/19/2023   Di/10/2023   ND   Di/18   Di/19/2023   Di/10/2023   Di/10/2						07/17/2023			
BR/22/2023   ND   1.5   8.0						08/08/2023			
Beautiful Care   Beau									
10/03/2023 ND 0.74 4.1						09/19/2023		0.70	
10/10/2023 ND 0.73 4.0									
11/07/2023   ND   0.76   4.2									
Hart   11/15/2023   ND   7.3   40   19   12/15/2023   ND   4.0   19   12/12/2023   ND   0.72   4.0   19   19   19   19   19   19   19   1									
Taylo5/2023   ND   4.0   19   12/12/2023   ND   0.72   4.0   4.0   Annual Mean   4.2 DNQ   Annual Max   29									
12/12/2023   ND   0.72   4.0								1.3	40
Annual Mean 4.2 DNQ Annual Max 29  EPA 9056A mg/kg Plant 2 Dewatering Cake 01/10/2023 5.3 0.18 0.99  01/10/2023 5.3 0.18 0.99  02/07/2023 ND 0.37 2.0  02/14/2023 ND 0.91 5.0  03/07/2023 ND 0.18 1.0  03/07/2023 ND 0.18 1.0  03/07/2023 ND 0.18 0.99  04/11/2023 ND 0.36 2.0  04/11/2023 ND 0.36 2.0  04/11/2023 ND 0.18 0.99  04/11/2023 ND 0.18 0.99  05/02/2023 5.1 0.18 0.99  05/02/2023 5.1 0.18 0.99  06/06/2023 ND 0.18 1.0  06/03/2023 ND 0.18 1.0  07/11/2023 ND 0.18 1.0  06/013/2023 ND 0.18 1.0  07/11/2023 ND 0.18 1.0  07/11/2023 ND 0.36 2.0  08/08/2023 ND 0.36 2.0									
EPA 9056A mg/kg Plant 2 Dewatering Cake Plant 2 Dewate								0.72	4.0
EPA 9056A mg/kg Plant 2 Dewatering Cake Plant 2 Dewate									
EPA 9056A mg/kg Plant 2 Dewatering Cake Plant 2 Dewate						Annual Max			
Dewatering Cake    01/17/2023   4.5   0.18   0.99			EPA 9056A	mg/kg	Plant 2	01/10/2023		0.18	1.0
02/07/2023       ND       0.37       2.0         02/14/2023       ND       0.91       5.0         03/07/2023       ND       0.18       1.0         03/14/2023       ND       0.36       2.0         04/04/2023       ND       0.18       0.99         04/11/2023       ND       0.36       2.0         05/02/2023       ND       0.18       0.99         05/09/2023       ND       0.18       0.99         06/06/2023       ND       0.18       1.0         06/13/2023       4.9       0.18       1.0         07/11/2023       ND       0.18       1.0         07/118/2023       ND       0.36       2.0         08/08/2023       ND       0.18       0.99				3 3		01/17/2023			
02/14/2023     ND     0.91     5.0       03/07/2023     ND     0.18     1.0       03/14/2023     ND     0.36     2.0       04/04/2023     ND     0.18     0.99       04/11/2023     ND     0.36     2.0       05/02/2023     5.1     0.18     0.99       05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99						02/07/2023			
03/07/2023       ND       0.18       1.0         03/14/2023       ND       0.36       2.0         04/04/2023       ND       0.18       0.99         04/11/2023       ND       0.36       2.0         05/02/2023       5.1       0.18       0.99         05/09/2023       ND       0.18       0.99         06/06/2023       ND       0.18       1.0         06/13/2023       4.9       0.18       1.0         07/11/2023       ND       0.18       1.0         07/18/2023       ND       0.36       2.0         08/08/2023       ND       0.18       0.99									
03/14/2023 ND 0.36 2.0 04/04/2023 ND 0.18 0.99 04/11/2023 ND 0.36 2.0 05/02/2023 5.1 0.18 0.99 05/09/2023 ND 0.18 0.99 06/06/2023 ND 0.18 1.0 06/13/2023 ND 0.18 1.0 07/11/2023 ND 0.18 1.0 07/11/2023 ND 0.18 1.0 07/11/2023 ND 0.18 1.0 07/11/2023 ND 0.18 1.0 07/18/2023 ND 0.18 1.0									
04/04/2023     ND     0.18     0.99       04/11/2023     ND     0.36     2.0       05/02/2023     5.1     0.18     0.99       05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99									
04/11/2023     ND     0.36     2.0       05/02/2023     5.1     0.18     0.99       05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99									
05/02/2023     5.1     0.18     0.99       05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99									
05/02/2023     5.1     0.18     0.99       05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99									
05/09/2023     ND     0.18     0.99       06/06/2023     ND     0.18     1.0       06/13/2023     4.9     0.18     1.0       07/11/2023     ND     0.18     1.0       07/18/2023     ND     0.36     2.0       08/08/2023     ND     0.18     0.99									
06/06/2023 ND 0.18 1.0 06/13/2023 4.9 0.18 1.0 07/11/2023 ND 0.18 1.0 07/18/2023 ND 0.36 2.0 08/08/2023 ND 0.18 0.99									
06/13/2023 4.9 0.18 1.0 07/11/2023 ND 0.18 1.0 07/18/2023 ND 0.36 2.0 08/08/2023 ND 0.18 0.99									
07/11/2023 ND 0.18 1.0 07/18/2023 ND 0.36 2.0 08/08/2023 ND 0.18 0.99									
07/18/2023 ND 0.36 2.0 08/08/2023 ND 0.18 0.99									
08/08/2023 ND 0.18 0.99						07/11/2023			
08/08/2023 ND 0.18 0.99 08/22/2023 ND 0.36 2.0									
08/22/2023 ND 0.36 2.0						08/08/2023		0.18	
						08/22/2023	ND	0.36	2.0
09/19/2023 ND 0.18 1.0									
10/03/2023 ND 0.18 1.0									

Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				10/10/2023	ND	0.18	1.0
				11/07/2023	ND	0.18	0.99
				11/14/2023	ND	1.8	10
				12/05/2023	ND	0.90	5.0
				12/05/2023	ND	0.90	1.0
						U.10	1.0
				Annual Mean	1.2 DNQ		
				Annual Max	5.3		
		mg/kg dry weight	Plant 2	01/10/2023	20	0.67	3.7
			Dewatering Cake	01/17/2023	17	0.67	3.7
				02/07/2023	ND	1.4	7.3
				02/14/2023	ND	3.3	18
				03/07/2023	ND	0.63	3.5
				03/14/2023	ND	1.4	7.5
				04/04/2023	ND	0.66	3.6
				04/11/2023	ND	1.3	7.3
				05/02/2023	19	0.68	3.8
				05/09/2023	ND	0.72	4.0
				06/06/2023	ND	0.67	3.7
				00/00/2023			
				06/13/2023	18	0.67	3.7
				07/11/2023	ND	0.64	3.6
				07/18/2023	ND	1.4	7.5
				08/08/2023	ND	0.69	3.8
			1	08/22/2023	ND	1.5	8.2
				09/19/2023	ND	0.67	3.7
				10/03/2023	ND	0.67	3.7
			1	10/10/2023	ND	0.66	3.7
			1	11/07/2023	ND	0.68	3.7
				11/14/2023	ND	6.9	40
				12/05/2023	ND	3.0	19
				12/12/2023	ND	0.71	3.9
						0.7 1	0.9
				Annual Mean	4.4 DNQ	+	-
				Annual Max	20		
Organic Lead	EPA 8270C	mg/kg dry weight	Plant 1	01/10/2023	ND	0.061	0.076
			Dewatering Cake	07/11/2023	ND	0.079	0.083
			Annual Mean	<0.079			
			Annual Max	<0.079	1		
	EDA 8270C	ma/ka drywoiaht	Plant 2	01/10/2023	ND	0.060	0.075
			Dewatering Cake	07/11/2023	ND	0.068	0.071
				Annual Mean	<0.068		
L				Annual Max	<0.068		L
Organic Lead wet	EPA 8270C	mg/kg	Plant 1	01/10/2023	ND	0.016	0.020
weight			Dewatering Cake	07/11/2023	ND	0.019	0.020
				Annual Mean	<0.019	0.0.0	0.020
				Allitual Meall	~0.013		
				A I N 4			
			<del> </del>	Annual Max	<0.019		
	EPA 8270C	mg/kg	Plant 2	01/10/2023	<0.019 ND	0.016	0.020
	EPA 8270C	mg/kg	Plant 2 Dewatering Cake	Annual Max 01/10/2023 07/11/2023	<0.019	0.016 0.019	0.020 0.020
	EPA 8270C	mg/kg		01/10/2023 07/11/2023	<0.019 ND ND		
	EPA 8270C	mg/kg		01/10/2023 07/11/2023 Annual Mean	<0.019 ND ND <0.019		
Organic Nitrogen			Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max	<0.019 ND ND <0.019 <0.019		
Organic Nitrogen		mg/kg mg/kg dry weight	Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<0.019 ND ND <0.019 <0.019 47000		
Organic Nitrogen			Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	<0.019 ND ND <0.019 <0.019 47000 58000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000 46000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000 46000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023	<0.019 ND ND <0.019 <0.019 <7.000 47000 58000 51000 46000 55000 45000 57000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023 04/11/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 50000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	<0.019 ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023	<0.019 ND ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/11/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	<0.019 ND ND ND <0.019 <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000 36000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023	<0.019 ND ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023	<0.019 ND ND ND <0.019 <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000 36000		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023	<0.019 ND ND ND <0.019 <0.019 <70.019 <170.00 58000 51000 46000 55000 45000 57000 57000 70000 36000 32000 47000 54000		
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Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/14/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023	<0.019 ND ND ND <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000 36000 32000 47000 47000 47000		
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Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/11/2023 02/07/2023 02/07/2023 02/14/2023 03/14/2023 04/11/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 07/11/2023 07/11/2023 07/11/2023 07/11/2023 08/22/2023 08/22/2023 09/19/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>&lt;47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>50000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>54000</li> <li>47000</li> <li>44000</li> <li>44000</li> <li>47000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 08/22/2023 08/12/2023 08/12/2023 08/12/2023 08/12/2023 08/12/2023 09/19/2023 10/10/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>49000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 06/06/2023 06/06/2023 07/11/2023 07/11/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>49000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 06/06/2023 06/06/2023 07/11/2023 07/11/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	<0.019 ND ND ND <0.019 <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 57000 70000 36000 32000 47000 47000 44000 44000 49000 49000	0.019	
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Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/22/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/10/2023 11/15/2023 12/05/2023 12/12/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>49000</li> <li>49000</li> <li>46000</li> <li>45000</li> <li>45000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 12/05/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>54000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>49000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> </ul>		
Organic Nitrogen			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>54000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>49000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> <li>49000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Dewatering Cake  Plant 1  Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/03/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>54000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>49000</li> <li>49000</li> <li>70000</li> </ul>		
Organic Nitrogen			Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/08/2023 10/03/2023 10/03/2023 10/10/2023 11/15/2023 12/12/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	<0.019 ND ND ND <0.019 <0.019 <0.019 47000 58000 51000 46000 55000 45000 57000 70000 36000 32000 47000 47000 44000 47000 49000 49000 45000 45000 45000 45000 47000		
Organic Nitrogen	CALC	mg/kg dry weight	Dewatering Cake  Plant 1  Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>46000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>44000</li> <li>47000</li> <li>44000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023 01/17/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>46000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>49000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>49000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023 01/17/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>46000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>44000</li> <li>47000</li> <li>44000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>49000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>49000</li> <li>45000</li> <li>46000</li> <li>47000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>49000</li> <li>40000</li> <li>40000</li> <li>40000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 11/15/2023 01/17/2023 01/17/2023 01/17/2023 01/17/2023 01/17/2023 02/07/2023 02/14/2023 02/14/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>44000</li> <li>49000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>44000</li> <li>45000</li> <li>47000</li> <li>45000</li> <li>47000</li> <li>45000</li> <li>47000</li> <li>45000</li> <li>44000</li> <li>45000</li> </ul>		
Organic Nitrogen	CALC	mg/kg dry weight	Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	<ul> <li>&lt;0.019</li> <li>ND</li> <li>ND</li> <li>ND</li> <li>&lt;0.019</li> <li>&lt;0.019</li> <li>47000</li> <li>58000</li> <li>51000</li> <li>46000</li> <li>55000</li> <li>45000</li> <li>57000</li> <li>57000</li> <li>70000</li> <li>36000</li> <li>32000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>44000</li> <li>47000</li> <li>49000</li> <li>45000</li> <li>45000</li> <li>45000</li> <li>47000</li> <li>47000</li> <li>47000</li> <li>49000</li> <li>45000</li> <li>46000</li> <li>47000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>44000</li> <li>49000</li> <li>40000</li> <li>40000</li> <li>40000</li> </ul>		

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/11/2023	48000		
					05/02/2023	44000		
					05/09/2023	61000		
					06/06/2023	45000		<b></b>
					06/13/2023	44000		
					07/11/2023	49000		
					07/18/2023	53000		
					08/08/2023	44000		
					08/22/2023	48000		
					09/19/2023	38000		
					10/03/2023	49000		
					10/10/2023	35000		
					11/07/2023	43000		
					11/14/2023	39000		
					12/05/2023	45000		
					12/12/2023	49000		
					Annual Mean	45000		
					Annual Max	61000		
	O	041.0	//	DI44				
	Organic Nitrogen	CALC	mg/kg	Plant 1	01/10/2023	13000		
	wet weight			Dewatering Cake	01/17/2023	14000		
					02/07/2023	12000		
1					02/14/2023	12000		
					03/07/2023	14000	l	l
						11000		
					03/14/2023			
					04/04/2023	15000		
					04/11/2023	12000		
					05/02/2023	14000		
					05/09/2023	17000		
					06/06/2023	8600		<del></del>
					06/13/2023	7400		
					07/11/2023	11000		
					07/17/2023	13000		
					08/08/2023	11000		
					08/22/2023	12000		
					09/19/2023	11000		
1					10/03/2023	12000		
					10/10/2023	12000		
ĺ					11/07/2023	12000		
					11/15/2023	11000		
					12/05/2023	12000		
					12/12/2023	11000		
					Annual Mean	12000		
					Annual Max	17000		
		CALC	mg/kg	Plant 2	01/10/2023	13000		
				Dewatering Cake	01/17/2023	12000		
					02/07/2023	13000		
					02/14/2023	11000		
					03/07/2023	13000		
					03/14/2023	11000		
					04/04/2023	9600		
					04/11/2023	13000		<b> </b>
					05/02/2023	12000		
					05/00/2023		+	
ĺ					05/09/2023	15000		
1					06/06/2023	12000		
1					06/13/2023	12000	<u> </u>	<u> </u> _
					07/11/2023	14000		
					07/18/2023	14000		
					08/08/2023	11000	 	<u></u>
		1			00/00/2023	12000		
				1		13.5000		
					08/22/2023			I
					09/19/2023	10000		
					09/19/2023			
					09/19/2023 10/03/2023	10000 13000	 	
					09/19/2023 10/03/2023 10/10/2023	10000 13000 9700		
					09/19/2023 10/03/2023 10/10/2023 11/07/2023	10000 13000 9700 12000		 
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023	10000 13000 9700 12000 10000		
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023	10000 13000 9700 12000 10000 12000		
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023	10000 13000 9700 12000 10000 12000		
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023	10000 13000 9700 12000 10000 12000 12000	 	   
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean	10000 13000 9700 12000 10000 12000 12000 12000	 	
					09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	10000 13000 9700 12000 10000 12000 12000 12000 15000		
	рН	EPA 9045D	pH units	Plant 1	09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	10000 13000 9700 12000 10000 12000 12000 12000 12000 15000 7.0		0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0	    0.010 0.010	0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0	    0.010 0.010	0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4	    0.010 0.010 0.010	0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1	    0.010 0.010 0.010 0.010	0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6	     0.010 0.010 0.010 0.010 0.010	0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023	10000 13000 9700 12000 12000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2	    0.010 0.010 0.010 0.010 0.010 0.010 0.010	0.01 0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023	10000 13000 9700 12000 12000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2	    0.010 0.010 0.010 0.010 0.010 0.010 0.010	0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2 7.9	     0.010 0.010 0.010 0.010 0.010 0.010 0.010	 0.01 0.01 0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/17/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 04/14/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2 7.9	     0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010	 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2 7.9 7.7 8.1	      0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010	 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 05/02/2023 05/09/2023	10000 13000 9700 12000 12000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2 7.9 7.7 8.1		 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
	рН	EPA 9045D	pH units		09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	10000 13000 9700 12000 10000 12000 12000 12000 15000 7.0 7.7 8.4 8.1 7.6 8.2 7.9 7.7 8.1	      0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010	 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					07/11/2023	8.1	0.010	0.01
					07/17/2023	7.9	0.010	0.01
					08/08/2023		0.010	0.01
						7.5		
				1	08/22/2023	8.0	0.010	0.01
					09/19/2023	7.7	0.010	0.01
					10/03/2023	8.1	0.010	0.01
					10/10/2023	7.9	0.010	0.01
					11/07/2023	7.7	0.010	0.01
					11/15/2023	7.9	0.010	0.01
					12/05/2023	7.9	0.010	0.01
					12/12/2023	7.7	0.010	0.01
					Annual Mean	7.8		
					Annual Max	8.4		
		EPA 9045D	pH units	Plant 2	01/10/2023	6.9	0.010	0.01
		EPA 9043D	pri units					
				Dewatering Cake	01/17/2023	7.7	0.010	0.01
					02/07/2023	8.2	0.010	0.01
					02/14/2023	8.1	0.010	0.01
					03/07/2023	7.5	0.010	0.01
					03/14/2023	7.9	0.010	0.01
					04/04/2023	7.6	0.010	0.01
					04/11/2023	7.7	0.010	0.01
				1	05/02/2023	7.7	0.010	0.01
				1	05/09/2023	7.3	0.010	0.01
					06/06/2023	7.1	0.010	0.01
					06/13/2023	7.5	0.010	0.01
					07/11/2023	7.8	0.010	0.01
					07/18/2023	7.4	0.010	0.01
					08/08/2023	7.6	0.010	0.01
					08/22/2023	7.9	0.010	0.01
					09/19/2023	7.7	0.010	0.01
						7.7	0.010	0.01
					10/03/2023			
					10/10/2023	8.0	0.010	0.01
				11/07/2023	7.8	0.010	0.01	
				11/14/2023	8.0	0.010	0.01	
				12/05/2023	7.9	0.010	0.01	
					12/12/2023	7.8	0.010	0.01
				1			0.010	0.01
					Annual Mean	7.7	1	
		<u> </u>			Annual Max	8.2		
	Total Nitrogen	CALC	mg/kg dry weight	Plant 1	01/10/2023	53000		
				Dewatering Cake	01/17/2023	63000		
					02/07/2023	58000		
					02/14/2023	55000		
								-
					03/07/2023	64000		
					03/14/2023	53000		
					04/04/2023	63000		
					04/11/2023	57000		
					05/02/2023	62000		_
					05/09/2023	76000		
					05/09/2023	76000		
					06/06/2023	50000		
					06/13/2023	43000		
					06/13/2023 07/11/2023			
					06/13/2023 07/11/2023	43000 54000		 
					06/13/2023 07/11/2023 07/17/2023	43000 54000 59000		
					06/13/2023 07/11/2023 07/17/2023 08/08/2023	43000 54000 59000 55000		
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023	43000 54000 59000 55000 52000		
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023	43000 54000 59000 55000 52000 54000		
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	43000 54000 59000 55000 52000 54000 53000		   
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023	43000 54000 59000 55000 52000 54000		    
					06/13/2023 07/11/2023 07/117/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	43000 54000 59000 55000 52000 54000 53000		
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	43000 54000 59000 55000 52000 54000 53000 53000 55000		     
					06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/15/2023	43000 54000 59000 55000 52000 54000 53000 55000 55000 53000		
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023	43000 54000 59000 55000 52000 54000 53000 53000 55000 53000 51000		      
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/15/2023 12/05/2023 12/12/2023	43000 54000 59000 55000 52000 54000 53000 53000 55000 51000 52000		
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023 Annual Mean	43000 54000 59000 55000 52000 54000 53000 53000 55000 53000 51000 52000 56000		      
					06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	43000 54000 59000 55000 52000 54000 53000 53000 55000 51000 52000		
		CALC	mg/ka dry weiaht	Plant 2	06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	43000 54000 59000 55000 52000 54000 53000 53000 55000 51000 52000 56000 76000		
		CALC	mg/kg dry weight	Plant 2	06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/15/2023 12/15/2023 12/12/2023 Annual Mean Annual Max	43000 54000 59000 55000 52000 54000 53000 53000 53000 55000 53000 51000 52000 56000 76000 52000		
		CALC	mg/kg dry weight	Plant 2 Dewatering Cake	06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 51000 52000 56000 76000 52000 52000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 51000 52000 56000 76000 52000 52000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023	43000 54000 59000 55000 52000 53000 53000 53000 51000 52000 56000 76000 52000 52000 52000 55000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 51000 52000 56000 76000 52000 52000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023	43000 54000 59000 55000 52000 53000 53000 53000 51000 52000 56000 76000 52000 52000 52000 55000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/10/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023	43000 54000 59000 55000 52000 53000 53000 53000 51000 52000 56000 76000 52000 52000 55000 50000 49000 49000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023	43000 54000 59000 55000 52000 53000 53000 53000 51000 52000 52000 52000 52000 52000 52000 55000 49000 49000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 53000 51000 52000 52000 52000 52000 52000 54000 54000 54000 54000 54000 54000 54000 54000 54000 54000 55		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 53000 51000 52000 56000 76000 52000 55000 50000 49000 49000 49000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023	43000 54000 55000 55000 52000 54000 53000 53000 53000 53000 53000 51000 52000 56000 76000 52000 55000 50000 49000 49000 49000 49000 64000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023	43000 54000 59000 55000 52000 54000 53000 53000 53000 53000 51000 52000 56000 76000 52000 55000 50000 49000 49000 49000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 04/04/2023 04/11/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 05/09/2023 06/06/2023	43000 54000 55000 55000 52000 53000 53000 53000 53000 53000 53000 55000 52000 56000 76000 52000 52000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/10/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/17/2023 02/07/2023 03/07/2023 03/07/2023 04/11/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023	43000 54000 55000 55000 55000 53000 53000 55000 53000 55000 53000 55000 52000 56000 76000 52000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 55000 49000 49000 49000 49000 49000 49000 49000 64000 52000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 06/13/2023	43000 54000 55000 55000 55000 55000 55000 55000 55000 55000 55000 52000 52000 52000 52000 55000 51000 49000 49000 49000 49000 49000 49000 49000 64000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023	43000 54000 55000 55000 55000 55000 55000 55000 55000 55000 52000 52000 52000 52000 52000 55000 50000 49000 49000 49000 64000 52000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 06/13/2023	43000 54000 55000 55000 55000 55000 55000 55000 55000 55000 55000 52000 52000 52000 52000 55000 51000 49000 49000 49000 49000 49000 49000 49000 64000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/02/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 12/12/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/13/2023 06/13/2023 07/11/2023 07/11/2023 06/13/2023 07/11/2023	43000 54000 55000 55000 55000 55000 53000 53000 55000 53000 55000 52000 52000 52000 52000 52000 52000 55000 50000 49000 49000 49000 44000 51000 52000 55000		
		CALC	mg/kg dry weight		06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023	43000 54000 55000 55000 55000 55000 55000 55000 55000 55000 52000 52000 52000 52000 52000 55000 50000 49000 49000 49000 64000 52000 55000		

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					10/03/2023	52000		
					10/10/2023	40000		
					11/07/2023	49000		
					11/14/2023	46000	l	_
						49000		
					12/05/2023			
					12/12/2023	55000		
					Annual Mean	51000		
					Annual Max	64000		
	Total Nitrogen wet	CALC	mg/kg	Plant 1	01/10/2023	14000		
	weight	OALO	mg/kg		01/17/2023	15000		
	weignit			Dewatering Cake				
					02/07/2023	14000		
					02/14/2023	14000		
					03/07/2023	16000		<b></b>
					03/14/2023	13000		
					04/04/2023	16000	<b></b>	
					04/11/2023	14000		
					05/02/2023	15000		
					05/09/2023	18000		
					06/06/2023	12000	<b> </b>	<b></b>
					06/13/2023	10000		
					07/11/2023	13000		
					07/17/2023	14000		
								-
					08/08/2023	13000		
					08/22/2023	13000		
					09/19/2023	14000		
					10/03/2023	13000		
				1	10/10/2023	13000		
				1	11/07/2023			
						13000		-
					11/15/2023	13000		
				12/05/2023	13000			
				12/12/2023	13000			
	CALC				Annual Mean	14000		
		CALC mg/kg		Annual Max	18000			
				01/10/2023	14000			
		CALC mg/kg						
					01/17/2023	14000		<b></b>
					02/07/2023	15000		
					02/14/2023	14000		<b> </b>
					03/07/2023	14000		
					03/14/2023	13000		
					04/04/2023	11000		
					04/11/2023			
						14000		
					05/02/2023	13000		
					05/09/2023	16000		
					06/06/2023	14000		
					06/13/2023	13000		
					07/11/2023	15000		
					07/18/2023	15000		
					08/08/2023	13000		
					08/22/2023	13000		
					09/19/2023	13000		
					10/03/2023	14000		
					10/10/2023	11000		
					11/07/2023	13000		
					11/14/2023	12000		
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					12/05/2023	13000		<del></del>
•	i .	İ	1					
Ī					12/12/2023	14000		
					Annual Mean	14000		
					Annual Mean Annual Max			
	Total Solids	SM 2540G	%	Plant 1	Annual Mean Annual Max	14000 16000	0.10	0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023	14000 16000 26		
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023	14000 16000 26 24	0.10	0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023	14000 16000 26 24 24	0.10 0.10	0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023	14000 16000 26 24 24 25	0.10 0.10 0.10	0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023	14000 16000 26 24 24 25 25	0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023	14000 16000 26 24 24 25 25 25	0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023	14000 16000 26 24 24 25 25 25	0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/07/2023 04/04/2023	14000 16000 26 24 24 25 25 25 25	0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	14000 16000 26 24 24 25 25 25 25 25 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	14000 16000 26 24 24 25 25 25 25 25 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	14000 16000 26 24 25 25 25 25 25 24 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023	14000 16000 26 24 24 25 25 25 25 24 24 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/14/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023	14000 16000 26 24 24 25 25 25 25 24 24 24 24 24 24 24 24 24 25	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023	14000 16000 26 24 24 25 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 03/14/2023 04/04/2023 05/02/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023	14000 16000 26 24 24 25 25 25 25 24 24 24 24 24 24 24 24 24 25	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/08/2023 09/19/2023	14000 16000 26 24 24 25 25 25 25 24 24 24 24 24 24 24 24 24 24 24 24 24	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/14/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/12/2023 08/22/2023 08/22/2023 08/21/2023 10/03/2023	14000 16000 26 24 25 25 25 25 24 24 24 24 24 24 24 24 24 24	0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/12/2023 09/19/2023 10/03/2023 10/10/2023	14000 16000 26 24 24 25 25 25 25 24 24 24 24 24 24 24 24 24 24	0.10 0.10	0.100 0.100
	Total Solids	SM 2540G	%		Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023 04/14/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/12/2023 08/22/2023 08/22/2023 08/21/2023 10/03/2023	14000 16000 26 24 25 25 25 25 24 24 24 24 24 24 24 24 24 24	0.10 0.10	0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					12/12/2023	25	0.10	0.100
					Annual Mean	24	00	000
					Annual Max	26		+
		SM 2540G	%	Plant 2	01/10/2023	27	0.10	0.100
		JIVI ZJ4UU	70	Dewatering Cake	01/10/2023	27	0.10	0.100
				Dewatering Cake	02/07/2023		0.10	0.100
						27		
					02/14/2023	28	0.10	0.100
					03/07/2023	29	0.10	0.100
					03/14/2023	26	0.10	0.100
					04/04/2023	27	0.10	0.10
					04/11/2023	28	0.10	0.100
					05/02/2023	26	0.10	0.100
					05/09/2023	25	0.10	0.100
					06/06/2023	27	0.10	0.100
					06/13/2023	27	0.10	0.100
					07/11/2023	28	0.10	0.10
					07/18/2023	26	0.10	0.100
					08/08/2023	26	0.10	0.100
					08/22/2023	24	0.10	0.100
					09/19/2023	27	0.10	0.100
					10/03/2023	27	0.10	0.100
					10/10/2023	27	0.10	0.100
					11/07/2023	27	0.10	0.100
					11/14/2023	26	0.10	0.100
					12/05/2023	26	0.10	0.100
					12/12/2023	25	0.10	0.100
						27	0.10	0.100
					Annual Mean		+	+
		EDA 6010	n	DI 11	Annual Max	29	0.00	1.0
Trace Elements	Antimony	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	5.3	0.88	1.9
				Dewatering Cake	07/11/2023	ND	12	41
					Annual Mean	8.7 DNQ		
					Annual Max	5.3		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	5.2	0.90	1.9
				Dewatering Cake	07/11/2023	ND	10	35
				Donatoning Care	Annual Mean	7.6 DNQ	10	00
	A 4: :	EDA 0040	/1	Diamet 4	Annual Max	5.2	0.00	0.50
	Antimony wet	EPA 6010	mg/kg	Plant 1	01/10/2023	1.4	0.23	0.50
	weight			Dewatering Cake	07/11/2023	ND	2.8	9.8
					Annual Mean	2.1 DNQ		
			<u> </u>		Annual Max	1.4		
		EPA 6010	mg/kg	Plant 2	01/10/2023	1.4	0.24	0.50
					07/11/2023	ND	2.8	9.9
				5 - 11-	Annual Mean	2.1 DNQ		
					Annual Max	1.4		
	Arsenic	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	11	0.95	9.5
	VISCIIIC	LFA 0010	mg/kg ury weight		01/10/2023			
				Dewatering Cake		8.0 DNQ	1.1	11
					02/07/2023	9.1 DNQ	5.8	12
					02/14/2023	7.1 DNQ	5.5	12
					03/07/2023	7.6 DNQ	5.6	12
					03/14/2023	6.5 DNQ	5.7	13
				1	04/04/2023	10 DNQ	5.5	12
					04/11/2023	10 DNQ	5.7	12
					05/02/2023	9.1 DNQ	5.8	12
					05/09/2023	9.3 DNQ	5.9	13
					06/06/2023	8.8 DNQ	5.9	13
					06/13/2023	9.8 DNQ	6.0	13
					07/11/2023	ND 0.0 DNO	5.8	12
					07/17/2023	6.3 DNQ	5.9	13
					08/08/2023	ND	5.9	12
					08/22/2023	6.0 DNQ	5.6	12
					09/19/2023	5.8 DNQ	5.4	12
					10/03/2023	ND	5.8	12
					10/10/2023	6.5 DNQ	5.7	12
					11/07/2023	ND	5.9	13
					11/15/2023	ND	5.7	12
					12/05/2023	6.6 DNQ	5.4	12
					12/12/2023	6.8 DNQ	5.6	12
					Annual Mean	7.5 DNQ		-
					Annual Max	11		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	13	0.97	9.4
				Dewatering Cake	01/17/2023	8.5 DNQ	0.93	9.3
					02/07/2023	9.5 DNQ	5.1	11
	i				02/14/2023	9.4 DNQ	5.0	11
			in the second se	1		8.4 DNQ	4.9	10
								110
					03/07/2023		5.3	
					03/14/2023	7.9 DNQ	5.3	11
					03/14/2023 04/04/2023	7.9 DNQ 14	5.3 5.1	11
					03/14/2023 04/04/2023 04/11/2023	7.9 DNQ 14 13	5.3 5.1 5.1	11 11 11
					03/14/2023 04/04/2023 04/11/2023 05/02/2023	7.9 DNQ 14 13 10 DNQ	5.3 5.1 5.1 5.3	11 11 11 11
					03/14/2023 04/04/2023 04/11/2023	7.9 DNQ 14 13	5.3 5.1 5.1	11 11 11

egory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					06/13/2023	13	5.2	11
					07/11/2023	6.4 DNQ	5.0	11
					07/18/2023	7.9 DNQ	5.3	11
					08/08/2023			11
						7.6 DNQ	5.3	
					08/22/2023	9.5 DNQ	5.8	12
					09/19/2023	7.4 DNQ	5.2	11
					10/03/2023	7.4 DNQ	5.2	11
					10/10/2023	7.3 DNQ	5.1	11
					11/07/2023	7.1 DNQ	5.3	11
					11/14/2023	5.4 DNQ	5.4	12
					12/05/2023	8.4 DNQ	5.3	11
					12/12/2023	8.7 DNQ	5.5	12
							5.5	12
					Annual Mean	9.3 DNQ		
					Annual Max	14		
	Arsenic wet	EPA 6010	mg/kg	Plant 1	01/10/2023	2.8	0.25	2.5
		L1710010	mg/kg	Dewatering Cake	01/17/2023	1.9 DNQ	0.25	2.5
	weight			Dewatering Cake				
					02/07/2023	2.2 DNQ	1.4	2.9
					02/14/2023	1.8 DNQ	1.4	3.0
					03/07/2023	1.9 DNQ	1.4	3.0
					03/14/2023	1.6 DNQ	1.4	3.1
					04/04/2023	2.6 DNQ	1.4	3.0
					04/11/2023	2.5 DNQ	1.4	3.0
					05/02/2023	2.2 DNQ	1.4	3.0
					05/09/2023	2.2 DNQ	1.4	3.0
					06/06/2023	2.1 DNQ	1.4	3.0
					06/13/2023	2.3 DNQ	1.4	3.0
					07/11/2023	ND	1.4	2.9
					07/17/2023	1.5 DNQ	1.4	3.0
					08/08/2023	ND ND	1.4	2.9
					08/22/2023	1.5 DNQ	1.4	3.0
					09/19/2023	1.5 DNQ	1.4	3.0
					10/03/2023	ND	1.4	3.0
					10/10/2023	1.6 DNQ	1.4	3.0
					11/07/2023	ND	1.4	3.0
					11/15/2023	ND	1.4	3.0
					12/05/2023	1.7 DNQ	1.4	3.0
					12/12/2023	1.7 DNQ	1.4	3.0
					Annual Mean	1.9 DNQ		
					Annual Max	2.8		
		EDA 0040	//	DI+ 0			0.00	0.5
		EPA 6010	mg/kg	Plant 2	01/10/2023	3.4	0.26	2.5
				Dewatering Cake	01/17/2023	2.3 DNQ	0.25	2.5
					02/07/2023	2.6 DNQ	1.4	3.0
					02/14/2023	2.6 DNQ	1.4	3.0
					03/07/2023	2.4 DNQ	1.4	3.0
					03/14/2023	2.1 DNQ	1.4	3.0
						3.9		3.0
					04/04/2023		1.4	
					04/11/2023	3.6	1.4	3.0
					05/02/2023	2.7 DNQ	1.4	3.0
					0 = 10 0 10 0 0 0	0.0.0110	<del>-   </del>	
					05/09/2023	2.8 DNQ	1.4	3.0
					06/06/2023	3.3	1.4	3.0
					06/13/2023	3.6	1.4	3.0
					07/11/2023	1.8 DNQ	1.4	3.0
					07/18/2023	2.1 DNQ	1.4	3.0
					08/08/2023	2.0 DNQ	1.4	2.9
					08/22/2023	2.3 DNQ	1.4	3.0
					09/19/2023	2.0 DNQ	1.4	3.0
					10/03/2023	2.0 DNQ	1.4	3.0
					10/10/2023	2.0 DNQ	1.4	3.0
					11/07/2023	1.9 DNQ	1.4	3.0
					11/14/2023	1.4 DNQ	1.4	3.0
					12/05/2023	2.2 DNQ	1.4	3.0
					12/12/2023	2.2 DNQ	1.4	3.0
							<del></del>	1
					Annual Mean	2.5 DNQ	_	
					Annual Max	3.9		
	ID :	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	460	0.19	19
	Barium	1	5 5 7 5	Dewatering Cake	07/11/2023	460	0.58	12
	Barium						0.00	
	Barium				Annual Mean	460		
	Barium					1460		
	Barium				Annual Max	460		
	Barium	EPA 6010	ma/ka dry weight	Plant 2			0.19	19
	Barium	EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	1100	0.19	19
	Barium	EPA 6010	mg/kg dry weight	Plant 2 Dewatering Cake	01/10/2023 07/11/2023	1100 1100	0.19 0.50	19 11
	Barium	EPA 6010	mg/kg dry weight		01/10/2023	1100 1100 1100		
	Barium	EPA 6010	mg/kg dry weight		01/10/2023 07/11/2023 Annual Mean	1100 1100 1100		
				Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max	1100 1100 1100 1100	0.50	11
	Barium wet	EPA 6010	mg/kg dry weight	Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	1100 1100 1100 1100 1100	0.50	5.0
				Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max	1100 1100 1100 1100 1100 120 110	0.50	11
	Barium wet			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023	1100 1100 1100 1100 1100 120 110	0.50	5.0
	Barium wet			Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	1100 1100 1100 1100 1100 120 110	0.50	5.0
	Barium wet	EPA 6010	mg/kg	Dewatering Cake  Plant 1  Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max	1100 1100 1100 1100 1100 120 110 120 120	0.50 0.051 0.14	5.0 2.9
	Barium wet		mg/kg	Dewatering Cake Plant 1	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max	1100 1100 1100 1100 1100 120 110	0.50	5.0
	Barium wet	EPA 6010		Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	1100 1100 1100 1100 120 110 120 120 120	0.50 0.051 0.14 0.051	5.0 2.9 5.0
	Barium wet	EPA 6010	mg/kg	Dewatering Cake  Plant 1  Dewatering Cake	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Max 01/10/2023 07/11/2023	1100 1100 1100 1100 120 110 120 120 120	0.50 0.051 0.14	5.0 2.9
	Barium wet	EPA 6010	mg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	1100 1100 1100 1100 120 110 120 120 120	0.50 0.051 0.14 0.051	5.0 2.9 5.0

ategory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	Beryllium	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	0.13 DNQ	0.022	0.19
				Dewatering Cake	07/11/2023	0.30 DNQ	0.28	2.0
					Annual Mean	0.22 DNQ		
					Annual Max	0.30 DNQ		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	0.12 DNQ	0.022	0.19
				Dewatering Cake	07/11/2023	0.43 DNQ	0.24	1.8
			Dowatoring Care	Annual Mean	0.28 DNQ	0.21	1.0	
						0.43 DNQ		
	5 "	===		5	Annual Max			0.050
	Beryllium wet	EPA 6010	mg/kg	Plant 1	01/10/2023	0.034 DNQ	0.0058	0.050
	weight			Dewatering Cake	07/11/2023	0.072 DNQ	0.068	0.49
					Annual Mean	0.053 DNQ		
					Annual Max	0.072 DNQ		
		EPA 6010	mg/kg	Plant 2	01/10/2023	0.031 DNQ	0.0059	0.050
				Dewatering Cake	07/11/2023	0.12 DNQ	0.068	0.50
					Annual Mean	0.075 DNQ		
					Annual Max	0.12 DNQ		
	0.1.	EDA 0040	// /	DI 14			0.40	0.00
	Cadmium	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	2.9	0.16	0.38
				Dewatering Cake	01/17/2023	3.5	0.18	0.42
					02/07/2023	2.1	0.66	2.0
					02/14/2023	1.7 DNQ	0.67	2.0
					03/07/2023	2.2	0.64	2.0
					03/14/2023	2.6	0.69	2.1
						3.0	0.63	2.0
					04/04/2023			
					04/11/2023	6.1	0.65	2.0
					05/02/2023	3.5	0.66	2.1
					05/09/2023	2.5	0.68	2.1
					06/06/2023	ND	0.67	2.1
					06/13/2023	ND	0.68	2.1
					07/11/2023	3.3	0.67	2.0
					07/17/2023	3.0	0.68	2.1
					08/08/2023	3.2	0.68	2.1
					08/22/2023	4.0	0.64	2.0
					09/19/2023	3.5	0.62	1.9
		3, 3, 3		10/03/2023	3.6	0.66	2.1	
				10/10/2023	3.8	0.65	2.0	
				11/07/2023	4.1	0.68	2.1	
					11/15/2023	ND	0.69	2.1
				12/05/2023	3.7	0.62	1.9	
				12/12/2023	3.9	0.64	2.0	
					Annual Mean	3.0 DNQ		
				Plant 2	Annual Max	6.1		
							0.10	
			mg/kg ary weight		01/10/2023	0.90	0.16	0.37
				Dewatering Cake	01/17/2023	1.1	0.16	0.37
					02/07/2023	1.4 DNQ	0.59	1.8
					02/14/2023	1.5 DNQ	0.61	1.8
					03/07/2023	2.1	0.59	1.8
					03/14/2023	2.2	0.64	1.9
					04/04/2023	2.9	0.58	1.8
					04/11/2023	6.9	0.58	1.8
					05/02/2023	3.8	0.65	1.9
					05/09/2023	2.0	0.68	2.0
					06/06/2023	ND	0.59	1.8
					06/13/2023	ND	0.59	1.9
					07/11/2023	3.0	0.57	1.8
					07/18/2023	3.7	0.60	1.9
					08/08/2023	3.8	0.61	1.9
					08/22/2023	4.5	0.66	2.1
					09/19/2023	2.7	0.59	1.9
					10/03/2023	2.9	0.59	1.9
							0.62	1.9
					10/10/2023	2.9		
					11/07/2023	2.5	0.64	1.9
					11/14/2023	ND	0.66	2.0
					12/05/2023	2.2	0.61	1.9
					12/12/2023	2.2	0.63	2.0
					Annual Mean	2.5 DNQ		
					Annual Max	6.9		
				Dlant 4	O4/40/0000		0.040	0.000
	Codwin	EDA 6040	mg/kg	Plant 1 Dewatering Cake	01/10/2023	0.77	0.042	0.099
	Cadmium wet	EPA 6010	mg/kg		01/17/2023	0.84	0.042	0.099
	Cadmium wet weight	EPA 6010	mg/kg	Dewatering Cake		10.54	0.40	0.49
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023	0.51	0.16	U. <del>+</del> 3
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023			
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023	0.44 DNQ	0.17	0.51
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023	0.44 DNQ 0.56	0.17 0.16	0.51 0.50
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023	0.44 DNQ 0.56 0.63	0.17 0.16 0.17	0.51 0.50 0.51
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023	0.44 DNQ 0.56 0.63 0.76	0.17 0.16 0.17 0.16	0.51 0.50 0.51 0.50
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	0.44 DNQ 0.56 0.63 0.76 1.5	0.17 0.16 0.17 0.16 0.16	0.51 0.50 0.51 0.50 0.49
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	0.44 DNQ 0.56 0.63 0.76 1.5	0.17 0.16 0.17 0.16 0.16	0.51 0.50 0.51 0.50 0.49
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	0.44 DNQ 0.56 0.63 0.76 1.5 0.85	0.17 0.16 0.17 0.16 0.16 0.16	0.51 0.50 0.51 0.50 0.49 0.50
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023	0.44 DNQ 0.56 0.63 0.76 1.5 0.85 0.58	0.17 0.16 0.17 0.16 0.16 0.16 0.16 0.16	0.51 0.50 0.51 0.50 0.49 0.50 0.50
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	0.44 DNQ 0.56 0.63 0.76 1.5 0.85 0.58 ND	0.17 0.16 0.17 0.16 0.16 0.16 0.16 0.16 0.16	0.51 0.50 0.51 0.50 0.49 0.50 0.50 0.50
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	0.44 DNQ 0.56 0.63 0.76 1.5 0.85 0.58 ND	0.17 0.16 0.17 0.16 0.16 0.16 0.16 0.16 0.16 0.16	0.51 0.50 0.51 0.50 0.49 0.50 0.50 0.50 0.49
		EPA 6010	mg/kg	Dewatering Cake	02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	0.44 DNQ 0.56 0.63 0.76 1.5 0.85 0.58 ND	0.17 0.16 0.17 0.16 0.16 0.16 0.16 0.16 0.16	0.51 0.50 0.51 0.50 0.49 0.50 0.50 0.50

	arameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					08/08/2023	0.76	0.16	0.49
					08/22/2023			0.50
						1.0		
					09/19/2023	0.91		0.50
					10/03/2023	0.88	0.16	0.50
					10/10/2023	0.94		0.50
					11/07/2023	0.96		0.50
					11/15/2023	ND		0.51
					12/05/2023	0.94	0.16	0.50
					12/12/2023	0.98	0.16	0.50
					Annual Mean	0.73 DNQ	0.10	0.00
					Annual Max	1.5		
		EPA 6010	mg/kg	Plant 2	01/10/2023	0.24	0.042	0.10
			3 3		01/17/2023	0.31		0.099
					02/07/2023	0.39 DNQ		0.50
					02/14/2023	0.43 DNQ	0.17	0.51
					03/07/2023	0.59	0.17	0.51
					03/14/2023	0.57	0.17	0.51
					04/04/2023	0.79	0.16	0.50
					04/11/2023	1.9	0.16	0.50
					05/02/2023	1.0		0.51
					05/09/2023	0.49 DNQ		0.51
					06/06/2023	ND		0.49
					06/13/2023	ND	0.16	0.50
					07/11/2023	0.85		0.50
					07/18/2023	0.98		0.50
					08/08/2023	1.0		0.49
					08/22/2023	1.1		0.50
					09/19/2023	0.73		0.50
					10/03/2023	0.78		0.50
					10/10/2023	0.78	0.17	0.51
					11/07/2023	0.67		0.51
					11/14/2023	ND		0.51
					12/05/2023	0.58	0.16	0.50
					12/12/2023	0.55	0.16	0.50
					Annual Mean	0.66 DNQ		
					Annual Max	1.9		
l c	hromium	EPA 6010	mg/kg dry weight	t Plant 1	01/10/2023	34		0.95
				Dewatering Cake	01/17/2023	39	0.67	1.1
					02/07/2023	33		4.0
					02/14/2023	35		4.0
					03/07/2023	39	0.76	4.0
				03/14/2023	38	0.77	4.1	
					04/04/2023	43	0.75	4.0
					04/11/2023	41	0.73	4.0
					05/02/2023	33	0.79	4.1
					05/09/2023	39	0.81	4.2
					06/06/2023	36		4.1
					06/13/2023	39	0.77	4.2
					07/11/2023	41	0.75	4.1
					07/17/2023	38		4.2
					08/08/2023	32		4.2
					08/22/2023	44	0.76	4.0
					09/19/2023	38		3.9
								4.1
					10/03/2023	49		
					10/10/2023	49		4.0
					11/07/2023	51	0.80	4.2
					11/15/2023	45		4.1
						38		3.9
					12/05/2023			
					12/12/2023	37	0.76	4.0
					Annual Mean	40		
					Annual Max	51		
	}	EPA 6010	mg/kg dry weight	Plant 2		41	0.60	0.94
		LEA OUTU	mg/kg ary weight		01/10/2023	41		
				Dewatering Cake	01/17/2023	37		0.93
					02/07/2023	33	0.70	3.7
					02/14/2023	35		3.6
								0.0
					03/07/2023	35		3.5
					03/14/2023	35		3.8
						i .		
						40	10.66	3.6
					04/04/2023	40		3.6
					04/04/2023 04/11/2023	36	0.69	3.6
					04/04/2023	36 30	0.69 0.72	
					04/04/2023 04/11/2023 05/02/2023	36 30	0.69 0.72	3.6 3.8
					04/04/2023 04/11/2023 05/02/2023 05/09/2023	36 30 40	0.69 0.72 0.76	3.6 3.8 4.0
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	36 30 40 45	0.69 0.72 0.76 0.67	3.6 3.8 4.0 3.7
					04/04/2023 04/11/2023 05/02/2023 05/09/2023	36 30 40	0.69 0.72 0.76 0.67	3.6 3.8 4.0
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	36 30 40 45 48	0.69 0.72 0.76 0.67 0.70	3.6 3.8 4.0 3.7 3.7
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	36 30 40 45 48 50	0.69 0.72 0.76 0.67 0.70	3.6 3.8 4.0 3.7 3.7 3.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023	36 30 40 45 48 50 53	0.69 0.72 0.76 0.67 0.70 0.64 0.72	3.6 3.8 4.0 3.7 3.7 3.5 3.8
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023	36 30 40 45 48 50 53 50	0.69 0.72 0.76 0.67 0.70 0.64 0.72 0.69	3.6 3.8 4.0 3.7 3.7 3.5 3.8 3.8
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023	36 30 40 45 48 50 53 50	0.69 0.72 0.76 0.67 0.70 0.64 0.72 0.69	3.6 3.8 4.0 3.7 3.7 3.5 3.8 3.8
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	36 30 40 45 48 50 53 50 58	0.69 0.72 0.76 0.67 0.70 0.64 0.72 0.69 0.74	3.6 3.8 4.0 3.7 3.7 3.5 3.8 3.8 3.7
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023	36 30 40 45 48 50 53 50 58 45	0.69 0.72 0.76 0.67 0.70 0.64 0.72 0.69 0.74 0.71	3.6 3.8 4.0 3.7 3.7 3.5 3.8 3.7 4.1 3.7
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	36 30 40 45 48 50 53 50 58	0.69 0.72 0.76 0.67 0.70 0.64 0.72 0.69 0.74 0.71	3.6 3.8 4.0 3.7 3.7 3.5 3.8 3.8 3.7

1	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					11/07/2023	60	0.71	3.8
					11/14/2023	54	0.73	3.9
					12/05/2023	49	0.72	3.8
					12/12/2023	47	0.75	3.9
					Annual Mean	45	0.70	0.0
					Annual Max	60		
	Chromium wet	EPA 6010	mg/kg	Plant 1	01/10/2023	8.9	0.16	0.25
	weight			Dewatering Cake	01/17/2023	9.4	0.16	0.25
	l r s.g. r.			Domaiog Gaile	02/07/2023		0.18	0.98
						7.9		
					02/14/2023	8.9	0.19	1.0
					03/07/2023	9.6	0.19	1.0
					03/14/2023	9.4	0.19	1.0
					04/04/2023	11	0.19	1.0
					04/11/2023	10	0.18	0.99
					05/02/2023	7.9	0.19	1.0
							0.19	1.0
					05/09/2023	9.2		
					06/06/2023	8.6	0.18	0.99
					06/13/2023	9.1	0.18	0.99
					07/11/2023	9.9	0.18	0.98
					07/17/2023	9.0	0.19	1.0
					08/08/2023	7.5	0.18	0.98
					08/22/2023	11	0.19	1.0
					09/19/2023	9.7	0.18	0.99
					10/03/2023	12	0.19	1.0
					10/10/2023	12	0.18	0.99
					11/07/2023	12	0.19	1.0
					11/15/2023	11	0.19	1.0
					12/05/2023	9.7	0.19	1.0
					12/12/2023			
						9.2	0.19	1.0
					Annual Mean	9.7		
					Annual Max	12		
		EPA 6010	mg/kg	Plant 2	01/10/2023	11	0.16	0.25
		EPA 0010	mg/kg		01/10/2023			
				Dewatering Cake	01/17/2023	9.9	0.16	0.25
					02/07/2023	9.1	0.19	1.0
					02/14/2023	9.6	0.19	1.0
					03/07/2023	10	0.19	1.0
					03/14/2023	9.2	0.19	1.0
					04/04/2023	11	0.18	0.99
					04/11/2023	10	0.19	1.0
					05/02/2023	8.0	0.19	1.0
					05/09/2023	9.9	0.19	1.0
					06/06/2023	12	0.18	0.99
					06/13/2023	13	0.19	1.0
					07/11/2023	14	0.18	0.99
					07/18/2023	14	0.19	1.0
					08/08/2023	13	0.18	0.98
					08/22/2023	14	0.18	0.99
					09/19/2023	12	0.19	1.0
					10/03/2023	16	0.19	1.0
					10/10/2023	14	0.19	1.0
					11/07/2023	16	0.19	1.0
					11/14/2023	14	0.19	1.0
					12/05/2023	13	0.19	1.0
					12/12/2023	12	0.19	1.0
					Annual Mean	12		
		==	,	D	Annual Max	16		
	Cobalt	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	4.2	0.080	0.95
				Dewatering Cake	07/11/2023	6.3	0.80	4.1
				1	Annual Mean	5.2		
					Annual Max	6.3		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	4.5	0.079	0.94
				Dewatering Cake	07/11/2023	6.1	0.70	3.5
				]	Annual Mean	5.3		
							+	
					Annual Max	6.1		
	Cobalt wet weight	EPA 6010	mg/kg	Plant 1	01/10/2023	1.1	0.021	0.25
			_	Dewatering Cake	07/11/2023	1.5	0.20	0.98
				l			0.20	0.50
					Annual Mean	1.3		
				<u> </u>	Annual Max	1.5		
		EPA 6010	mg/kg	Plant 2	01/10/2023	1.2	0.021	0.25
					07/11/2023	1.7	0.20	0.99
				Dewatering Cake			0.20	0.99
					Annual Mean	1.5		
					Annual Max	1.7		
	Conres	EDA 6040	ma/ka dm:	Diant 1			0.40	0.05
	Copper	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	380	0.42	0.95
				Dewatering Cake	01/17/2023	460	0.46	1.1
				1	02/07/2023	390	3.9	8.3
	1				02/14/2020			
					02/14/2023	430	3.8	7.9
				03/07/2023	390	3.9	8.0	
					03/14/2023	380	4.0	8.1

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					05/02/2023	450	4.0	8.3
					05/09/2023	420	4.1	8.5
					06/06/2023	410	4.0	8.4
					06/13/2023	470	4.0	8.5
					07/11/2023	420	3.9	8.3
					07/17/2023	390	4.0	8.4
					08/08/2023	390	3.9	8.5
					08/22/2023	480	3.8	8.0
					09/19/2023	370	3.7	7.8
					10/03/2023	450	4.0	8.2
					10/10/2023	450	3.9	8.1
					11/07/2023	420	4.1	8.4
								8.2
					11/15/2023	360	4.0	
					12/05/2023	430	3.7	7.8
					12/12/2023	400	3.8	8.0
					Annual Mean	410		
					Annual Max	480		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	340	0.45	0.94
		EPA 0010	ilig/kg dry weight					
				Dewatering Cake	01/17/2023	330	0.41	0.93
					02/07/2023	310	3.5	7.3
					02/14/2023	300	3.5	7.2
					03/07/2023	300	3.4	7.0
					03/14/2023	310	3.7	7.5
					04/04/2023	340	3.5	7.3
					04/11/2023	320	3.5	7.3
					05/02/2023	350	3.7	7.6
					05/09/2023	350	3.9	8.0
							3.5	7.4
					06/06/2023	360		
					06/13/2023	360	3.6	7.4
					07/11/2023	320	3.4	7.1
					07/18/2023	350	3.6	7.5
				08/08/2023	330	3.6	7.6	
				08/22/2023	400	3.9	8.2	
					09/19/2023	310	3.6	7.4
					10/03/2023	410	3.6	7.4
					10/10/2023	370	3.6	7.3
					11/07/2023	330	3.6	7.5
					11/14/2023	270	3.7	7.7
					12/05/2023	290	3.6	7.6
					12/12/2023	290	3.8	7.9
					Annual Mean	330		
					Annual Max	410		
	0	EDA 0040		Di			0.44	0.05
	Copper wet	EPA 6010	mg/kg		01/10/2023	100	0.11	0.25
	weight				01/17/2023	110	0.11	0.25
					02/07/2023	95	0.94	2.0
					02/14/2023	110	0.97	2.0
							0.96	2.0
					03/07/2023	96		
					03/14/2023	94	0.98	2.0
					04/04/2023	100	0.95	2.0
					04/11/2023	98	0.94	2.0
					05/02/2023	110	0.96	2.0
					05/09/2023	100	0.96	2.0
								2.0
					06/06/2023	98	0.95	2.0
					06/13/2023	110	0.94	2.0
					07/11/2023	100	0.94	2.0
					07/17/2023	92	0.95	2.0
					08/08/2023	91	0.93	2.0
					00/00/2020			
					08/22/2023	120	0.95	2.0
					09/19/2023	96	0.95	2.0
1			1	i	40/00/0000	110	0.96	2.0
					10/03/2023	1110		
					10/03/2023		10.95	2.0
					10/10/2023	110	0.95	2.0
					10/10/2023 11/07/2023	110 100	0.96	2.0
					10/10/2023 11/07/2023 11/15/2023	110 100 88	0.96 0.97	2.0 2.0
					10/10/2023 11/07/2023 11/15/2023 12/05/2023	110 100 88 110	0.96 0.97 0.95	2.0 2.0 2.0
					10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023	110 100 88 110 100	0.96 0.97	2.0 2.0
					10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023	110 100 88 110 100	0.96 0.97 0.95	2.0 2.0 2.0
					10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean	110 100 88 110 100	0.96 0.97 0.95	2.0 2.0 2.0
		EDA 6040	malta	Diget 2	10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	110 100 88 110 100 100	0.96 0.97 0.95 0.96	2.0 2.0 2.0 2.0
		EPA 6010	mg/kg	Plant 2	10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	110 100 88 110 100 100 120 92	0.96 0.97 0.95 0.96	2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	110 100 88 110 100 100 120 92 90	0.96 0.97 0.95 0.96 0.12	2.0 2.0 2.0 2.0 2.0 0.25
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	110 100 88 110 100 100 120 92 90	0.96 0.97 0.95 0.96	2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023	110 100 88 110 100 100 120 92 90 84	0.96 0.97 0.95 0.96 0.12 0.11 0.96	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023	110 100 88 110 100 100 120 92 90 84 84	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023	110 100 88 110 100 100 120 92 90 84 84 86	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/14/2023	110 100 88 110 100 120 92 90 84 84 86 82	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023	110 100 88 110 100 120 92 90 84 84 84 86 82	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023	110 100 88 110 100 120 92 90 84 84 84 86 82	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/14/2023 04/04/2023 04/11/2023	110 100 88 110 100 120 92 90 84 84 86 82 94	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.97 0.99 0.95	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	110 100 88 110 100 120 92 90 84 84 86 82 94 88	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.97 0.95 0.95 0.95	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023	110 100 88 110 100 100 120 92 90 84 84 86 82 94 88 92 87	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.95 0.95 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 03/07/2023 03/07/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	110 100 88 110 100 120 92 90 84 84 86 82 94 88 92 87	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.95 0.95 0.97 0.97 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
		EPA 6010	mg/kg		10/10/2023 11/07/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023	110 100 88 110 100 100 120 92 90 84 84 86 82 94 88 92 87	0.96 0.97 0.95 0.96 0.12 0.11 0.96 0.97 0.97 0.95 0.95 0.97	2.0 2.0 2.0 2.0 2.0 0.25 0.25 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0

PA 6010   mgkg dry weight   Plant 1   mgkg dry weight   Plant 2   mgkg dry weight   Plant 3   mgkg dry weight   Plant 3   mgkg dry weight   Plant 4   mgkg dry weight   Plant 3   mgkg dry weight   Plant 3   mgkg dry weight   Plant 3   mgkg dry weight   Plant 4   mgkg dry weight   Plant 3   mgkg dry weight   Plant 4   mgkg dry weight   Plant 5   mgkg dry weight   Plant 6   mgkg dry weight   Plant 7   mgkg dry weight   Plant 8   mgkg dry weight   Plant 9   mgkg dry weight   mgkg d							- t-	***	
BOD	Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
BPA 6010   mg/kg dry weight   Flant 1   mg/kg dry weight   mg/kg									
BPA 6010   mg/kg dry weight   Part 1   mg/kg dry weight   Part 2   mg/kg dry weight   Part 3   mg/kg dry weight									
FPA 6010   mg/kg dry weight   FPA									
FPA 6010   mg/kg dry weight   FPA							84		2.0
T10072023   88   0.97   2.0   171072023   20   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   27   0.95   2.0   171072023   2.0   0.95   2.0   171072023   2.0   0.95   0.95   2.0   0.95						10/03/2023			
International Content   Inte									
Pant									
International Content   Inte						11/14/2023	70	0.97	2.0
International Content   Inte						12/05/2023	77	0.95	2.0
### PA 8010   mg/kg dry weight   Plant 1   01/11/2023   5700   4.6   76						12/12/2023	74	0.96	2.0
FPA 6010						Annual Mean	89		
FPA 6010						Annual Max	110		
Devaleting Cake   071112023   05000   25   100		Iron	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023		4.6	76
EPA 6010   mg/kg dry weight   Plant 1   Plant 2   Plant 2   Plant 3   Plan					Dewatering Cake			25	100
EPA 6010   mg/kg dry weight   Plant 2   001/0702/3   07000   4.5   75						Annual Mean	60000		
EPA 6010									
Pewatering Cake			EPA 6010	ma/ka drv weiaht	Plant 2			4.5	75
Ronula Mana   68000									
FPA 6010   mg/kg   Plant 1   Devatering Cake   Plant 1   Devatering Cake   Plant 2   Devatering Cake   Plant 3   Devatering Cake   Plant 4   Devatering Cake   Plant 5   Devatering Cake   Plant 6   Devatering Cake   Plant 7   Devatering Cake   Plant 6   Devatering Cake   Plant 6   Devatering Cake   Plant 7   Devatering Cake   Plant 8   Devatering Cake 8   Devatering Cake 8   Devatering Cake 8   Devatering Cake 8   Dev					3 -				
Figure   F									
Dewatering Cake   Dewatering		Iron wet weight	FPA 6010	ma/ka	Plant 1			12	20
### Plant 2   Devatering Cake		on wer weight		g/Ng					
EPA 6010   mg/kg   Plant 2   Dewatering Cake					Dowalding Care			0.0	
EPA 6010   mg/kg   Plant 2   Disvaloring Cake   D								+	+
Lead   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Offit (1/20/23   1900)   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Offit (1/20/23   11   1.6   6.0   6.			EDA 6010	ma/ka	Plant 2			1 2	20
Lead   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Dewatering Cake   Dewatering Cake   District Cake   Distric			EPA 0010	шу/ку					
Lead  EPA 6010  mg/kg dry weight  Plant 1  Dewatering Cake  0/11/2023 3.6 0.33 0.59 2.1  10/11/2023 7.4 DNM 0.17  8.3  0/21/4/2023 11 1.6 7.9  0/30/7/2023 13 1.6 8.0  0/31/4/2023 12 1.6 7.9  0/41/4/2023 12 1.6 7.9  0/41/4/2023 12 1.6 8.2  0/50/20203 13 1.7 8.1  0/41/4/2023 12 1.7 8.3  0/50/20203 13 1.7 8.5  0/50/20203 11 1.7 8.5  0/50/20203 11 1.7 8.5  0/50/20203 11 1.7 8.5  0/50/20203 11 1.7 8.5  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.5  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.4  0/50/20203 11 1.7 8.4  0/50/20203 12 1.7 8.5  0/50/20203 12 1.7 8.5  0/50/20203 12 1.7 8.5  0/50/20203 12 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.7 8.5  0/50/20203 13 1.6 8.1  11/50/2023 13 1.6 8.1  11/50/2023 13 1.6 8.1  11/50/2023 13 1.6 8.1  11/50/2023 13 1.6 8.1  11/50/2023 13 1.6 7.8  0/50/20203 13 1.6 7.8  0/50/20203 13 1.7 8.5  0/50/20203 13 1.6 7.8  0/50/20203 13 1.6 7.8  0/50/20203 13 1.6 7.8  0/50/20203 13 1.6 7.8  0/50/20203 13 1.6 7.5  0/50/20203 13 1.6 7.5  0/50/20203 13 1.5 7.3  0/50/20203 13 1.5 7.3  0/50/20203 13 1.5 7.3  0/50/20203 13 1.5 7.3  0/50/20203 13 1.5 7.3  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.5  0/50/20203 13 1.5 7.4  0/50/20203 13 1.5 7.5  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 13 1.5 7.7  0/50/20203 1					Dewatering Cake			U.0	∠5
Lead								-	-
Dewatering Cake   01/17/2023   7,4 DND   1,7   8,3   02/17/2023   7,4 DND   1,7   8,3   02/17/2023   11   1,6   7,9   03/07/2023   13   1,6   8,0   03/17/2023   13   1,6   8,0   03/17/2023   12   1,6   7,9   03/17/2023   12   1,6   7,9   03/17/2023   12   1,6   7,9   04/14/2023   12   1,6   7,9   04/14/2023   12   1,7   8,1   05/05/2023   12   1,7   8,3   05/05/2023   11   1,7   8,5   05/05/2023   11   1,7   8,5   05/05/2023   11   1,7   8,5   05/05/2023   11   1,7   8,4   06/14/2023   11   1,7   8,4   06/14/2023   11   1,7   8,4   06/14/2023   12   1,7   8,4   06/14/2023   12   1,7   8,4   06/14/2023   12   1,7   8,4   06/14/2023   12   1,7   8,4   06/14/2023   12   1,7   8,4   06/14/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   12   1,7   8,5   06/05/2023   13   1,7   8,2   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   13   1,6   8,1   11/10/2023   1,0   1,6   8,0   06/05/2023   1,0   1,5   7,2   06/14/2023   1,5   7,3   06/14/2023   1,5   7,3   06/14/2023   1,5   7,3   06/14/2023   1,5   7,3   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,5   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,4   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,4   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/2023   1,5   7,5   06/14/202			===		<b>D</b>				
D2/07/2023   7.4 DNQ   1.7   8.3		Lead	EPA 6010	mg/kg dry weight					
BPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Dewate					Dewatering Cake				
Band									
FPA 6010   mg/kg dry weight   FPA 6010   mg/kg   mg/kg   mg/kg   mg/kg   mg/kg								1.6	
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Directors   Direct						03/07/2023	13	1.6	8.0
EPA 6010 mg/kg dry weight Plant 2 Dewatering Cake Disor/2023 10 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.6 8.2 1.7 8.3 1.7 8.5 1.7 8.2 1.7 8.5 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.5 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.2 1.7 8.5 1.7 8.2 1.7 8.						03/14/2023	9.3	1.7	8.1
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Dewate						04/04/2023		1.6	7.9
Bear   Bear									
Bear   Bear									
Bear   Bear									
Beautiful Care   Beau									
Part   Part									
Beautiful Care   Figure   Fi									
BPO   BPO									
BPZ/Z/2023   16									
Beautiful Care   Beau									
The first of the									
FPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Plant 2   Dewatering Cake   Dewatering Cak									
11/07/2023   13   1.7   8.4									
### Plant 2   11/15/2023   11   1.7   8.2									
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Dewate									
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   Plant 2   Dewatering Cake   Plant 2   Dewatering Cake   Plant 2   Dewatering Cake   D01/10/2023   ND   0.52   1.8   D02/107/2023   8.1   1.5   7.3   D02/107/2023   4.0 DNQ   1.5   7.2   D03/107/2023   10   1.5   7.2   D03/107/2023   10   1.5   7.3   D04/10/2023   11   1.5   7.3   D04/10/2023   11   1.5   7.3   D04/10/2023   11   1.5   7.3   D04/10/2023   11   1.5   7.3   D04/10/2023   1.5   7.3   D04/10/2023   1.5   7.4   D06/10/2023   1.5   7.5   D08/08/2023   1.5   7.5   D08/08/2023   1.5   7.5   7.6   D08/22/2023   1.5   7.5   7.4   D08/22/2023   1.5   7.5   7.5   D08/08/2023   1.5   D08/08/2023									
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   D1/10/2023   ND   0.52   1.9									
EPA 6010   mg/kg dry weight   Plant 2								1.6	8.0
EPA 6010   mg/kg dry weight   Plant 2   Dewatering Cake   D1/17/2023   ND   0.52   1.9   1.8									
Dewatering Cake    Dewatering Cake						Annual Max			1
02/07/2023   8.1   1.5   7.3     02/14/2023   4.0 DNQ   1.5   7.2     03/07/2023   10   1.5   7.0     03/14/2023   9.8   1.6   7.5     04/04/2023   11   1.5   7.3     04/11/2023   7.3   1.5   7.3     05/02/2023   9.5   1.6   7.6     05/09/2023   8.0   1.7   8.0     06/06/2023   12   1.5   7.4     06/13/2023   11   1.5   7.4     06/13/2023   11   1.5   7.4     07/11/2023   8.6   1.4   7.1     07/18/2023   9.8   1.5   7.5     08/08/2023   11   1.5   7.6     08/22/2023   13   1.5   7.6     08/22/2023   13   1.5   7.4     10/03/2023   13   1.5   7.4     10/03/2023   13   1.5   7.4     10/03/2023   13   1.5   7.3     11/07/2023   13   1.5   7.3     11/07/2023   13   1.5   7.5     11/14/2023   10   1.6   7.7     12/05/2023   11   1.6   7.6     12/12/2023   ND   1.6   7.9     Annual Mean   9.1 DNQ     Annual Mean   9.1 DNQ     Annual Mean   9.1 DNQ     Annual Mean   9.1 DNQ     Annual Mean   13   1.5     0.50			EPA 6010	mg/kg dry weight		01/10/2023			
02/14/2023					Dewatering Cake		3.0	0.52	
02/14/2023						02/07/2023	8.1	1.5	
03/07/2023 10						02/14/2023			
03/14/2023   9.8   1.6   7.5						03/07/2023			
04/04/2023   11   1.5   7.3									
04/11/2023   7.3   1.5   7.3     05/02/2023   9.5   1.6   7.6     05/09/2023   8.0   1.7   8.0     06/06/2023   12   1.5   7.4     06/13/2023   11   1.5   7.4     07/11/2023   8.6   1.4   7.1     07/18/2023   9.8   1.5   7.5     08/08/2023   11   1.5   7.6     08/22/2023   13   1.5   7.6     08/22/2023   13   1.5   7.4     10/03/2023   13   1.5   7.4     10/03/2023   13   1.5   7.4     10/03/2023   13   1.5   7.3     11/07/2023   13   1.5   7.5     11/14/2023   10   1.6   7.7     12/05/2023   11   1.6   7.6     12/12/2023   ND   1.6   7.9     Annual Mean   9.1 DNQ     Annual Mean   9.1 DNQ     Annual Max   13     Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50						04/04/2023	11		
05/02/2023   9.5   1.6   7.6						04/11/2023			
05/09/2023   8.0   1.7   8.0						05/02/2023	9.5		
06/06/2023   12   1.5   7.4									
D6/13/2023   11   1.5   7.4						06/06/2023			
07/11/2023   8.6   1.4   7.1									
07/18/2023   9.8   1.5   7.5     08/08/2023   11   1.5   7.6     08/22/2023   13   1.6   8.2     09/19/2023   11   1.5   7.4     10/03/2023   13   1.5   7.4     10/10/2023   13   1.5   7.3     11/07/2023   13   1.5   7.5     11/14/2023   10   1.6   7.7     12/05/2023   11   1.6   7.6     12/12/2023   ND   1.6   7.9     Annual Mean   9.1 DNQ     Annual Max   13     Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50									
Note							9.8		
08/22/2023   13   1.6   8.2						08/08/2023	11	1.5	7.6
1.5   7.4   10/03/2023   13   1.5   7.4   10/03/2023   13   1.5   7.4   10/10/2023   13   1.5   7.3   11/07/2023   13   1.5   7.5   7.5   11/10/2023   10   1.6   7.7   12/05/2023   11   1.6   7.6   12/12/2023   ND   1.6   7.9   Annual Mean   9.1 DNQ   Annual Max   13   Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50   0.50						00/00/2023			
10/03/2023   13   1.5   7.4							13		
10/10/2023   13   1.5   7.3									
11/07/2023   13   1.5   7.5     11/14/2023   10   1.6   7.7     12/05/2023   11   1.6   7.6     12/12/2023   ND   1.6   7.9     Annual Mean   9.1 DNQ     Annual Max   13     Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50									
11/14/2023   10   1.6   7.7     12/05/2023   11   1.6   7.6     12/12/2023   ND   1.6   7.9     Annual Mean   9.1 DNQ     Annual Max   13     Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50									
12/05/2023   11   1.6   7.6   12/12/2023   ND   1.6   7.9									
12/05/2023   11   1.6   7.6   12/12/2023   ND   1.6   7.9									
12/12/2023   ND   1.6   7.9						12/05/2023	11	1.6	7.6
Annual Mean   9.1 DNQ									
Annual Max   13   Lead wet weight   EPA 6010   mg/kg   Plant 1   01/10/2023   0.95   0.14   0.50									
Lead wet weight         EPA 6010         mg/kg         Plant 1         01/10/2023         0.95         0.14         0.50									
		Lead wet weight	EPA 6010	ma/ka	Plant 1	01/10/2023		0.14	0.50
Dewatering Cake 01/17/2023 1.5 0.14 0.50									

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
I					02/07/2023	1.8 DNQ	0.40	2.0
					02/14/2023	2.7	0.41	2.0
					03/07/2023	3.3	0.41	2.0
1					03/14/2023	2.3	0.42	2.0
					04/04/2023	3.1	0.41	2.0
					04/11/2023	2.0	0.40	2.0
					05/02/2023	2.8	0.41	2.0
					05/09/2023	2.2	0.41	2.0
					06/06/2023	2.7	0.40	2.0
					06/13/2023	2.5	0.40	2.0
					07/11/2023	2.5	0.40	2.0
					07/17/2023	2.5	0.41	2.0
					08/08/2023	2.8	0.40	2.0
					08/22/2023	4.0	0.41	2.0
					09/19/2023	2.5	0.40	2.0
					10/03/2023	3.2	0.41	2.0
					10/10/2023	3.2	0.40	2.0
					11/07/2023	3.1	0.41	2.0
					11/15/2023	2.7	0.41	2.0
					12/05/2023	3.3	0.41	2.0
1					12/12/2023	ND	0.41	2.0
1					Annual Mean	2.5 DNQ	1	
Ī							+	1
Ī				<b>D</b> 1 46	Annual Max	4.0	1	0.50
		EPA 6010	mg/kg	Plant 2	01/10/2023	ND	0.14	0.50
1				Dewatering Cake	01/17/2023	0.81	0.14	0.49
1					02/07/2023	2.2	0.41	2.0
					02/14/2023	1.1 DNQ	0.42	2.0
					03/07/2023	2.9	0.42	2.0
					03/14/2023	2.6	0.42	2.0
					04/04/2023	3.0	0.40	2.0
					04/11/2023	2.0	0.41	2.0
					2.5			
					05/02/2023		0.41	2.0
					05/09/2023	2.0	0.42	2.0
					06/06/2023	3.1	0.40	2.0
					06/13/2023	2.9	0.41	2.0
					07/11/2023	2.4	0.40	2.0
					07/18/2023	2.6	0.41	2.0
					08/08/2023	2.9	0.40	2.0
					08/22/2023	3.2	0.40	2.0
					09/19/2023	2.9	0.41	2.0
					10/03/2023	3.5	0.41	2.0
					10/10/2023	3.6	0.42	2.0
					11/07/2023	3.4	0.41	2.0
				11/14/2023	2.6	0.41	2.0	
					12/05/2023	2.8	0.41	2.0
					12/12/2023	ND	0.41	2.0
							0.41	2.0
					Annual Mean	2.4 DNQ		
					Annual Max	3.6		
	Mercury	FPΔ 7471R	ma/ka dry weight				0.12	0.32
I	,	Mercury EPA 7471B mg/kg dry we		Dewatering Cake	01/10/2023	0.53		
T .		LINTALIB			01/10/2023	0.53		
		El XI4IIB		Dewatering Cake	01/17/2023	0.55	0.13	0.34
		LINTATIB	mg.n.g ary n.r.g.n.	Dewatering Cake	01/17/2023 02/07/2023	0.55 0.87	0.13 0.13	0.34 0.34
		El XIATIB		Dewatering Cake	01/17/2023 02/07/2023 02/14/2023	0.55 0.87 0.71	0.13 0.13 0.13	0.34 0.34 0.34
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023	0.55 0.87 0.71 0.56	0.13 0.13 0.13 0.12	0.34 0.34 0.34 0.33
		Er // Tarib		Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023	0.55 0.87 0.71 0.56	0.13 0.13 0.13 0.12	0.34 0.34 0.34 0.33
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023	0.55 0.87 0.71 0.56 0.77	0.13 0.13 0.13 0.12 0.13	0.34 0.34 0.34 0.33 0.35
		EI XV41 IB		Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023	0.55 0.87 0.71 0.56 0.77 0.87	0.13 0.13 0.13 0.12 0.13 0.12	0.34 0.34 0.34 0.33 0.35 0.32
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	0.55 0.87 0.71 0.56 0.77 0.87	0.13 0.13 0.13 0.12 0.13 0.12 0.13	0.34 0.34 0.34 0.33 0.35 0.32
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14	0.34 0.34 0.34 0.33 0.35 0.35 0.32 0.33
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/14/2023 05/02/2023 05/09/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.12 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.32 0.33 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/14/2023 05/02/2023 05/09/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14	0.34 0.34 0.34 0.33 0.35 0.35 0.32 0.33
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.14	0.34 0.34 0.34 0.35 0.35 0.32 0.33 0.35 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 06/06/2023 06/13/2023 07/11/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.14 0.13 0.13 0.13	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.14 0.13 0.13 0.13 0.13	0.34 0.34 0.33 0.35 0.35 0.32 0.33 0.35 0.35 0.35 0.35 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54 0.59	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.13 0.14 0.13	0.34 0.34 0.33 0.35 0.32 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54 0.59	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.13 0.14 0.13	0.34 0.34 0.33 0.35 0.32 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13	0.34 0.34 0.34 0.35 0.35 0.32 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.34
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023 08/22/2023 09/19/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.13	0.34 0.34 0.34 0.35 0.35 0.32 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.34 0.32
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/17/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.34 0.32 0.36
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 08/19/2023 10/03/2023 10/10/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.14 0.13 0.14 0.14 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.34 0.32 0.36 0.36
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/17/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.34 0.32 0.36
				Dewatering Cake	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/17/2023 08/08/2023 09/19/2023 10/10/2023 10/10/2023 11/07/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.54 0.59 0.47 0.64 0.51 0.49 0.45	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.14 0.14 0.14 0.14 0.14 0.14	0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.34 0.32 0.36 0.36 0.32
				Dewatering Cake	01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/14/2023 04/11/2023 05/02/2023 05/09/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.13 0.14 0.13 0.14 0.14 0.13 0.14	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/11/2023 05/02/2023 05/09/2023 06/03/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.14 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.36 0.37 0.38 0.39 0.39 0.39 0.39 0.39 0.35 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.37 0.36 0.37 0.38 0.39
				Dewatering Cake	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 06/06/2023 06/13/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/15/2023 12/05/2023 12/12/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.13 0.14 0.13 0.14 0.14 0.13 0.14	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35
				Dewatering Cake	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/14/2023 04/11/2023 05/02/2023 05/09/2023 06/03/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.14 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.36 0.37 0.38 0.39 0.39 0.39 0.39 0.39 0.35 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.37 0.36 0.37 0.38 0.39
				Dewatering Cake	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/22/2023 08/22/2023 09/19/2023 10/03/2023 11/15/2023 11/15/2023 12/12/2023 Annual Mean	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.46	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.14 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.37 0.38 0.39
					01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/17/2023 08/08/2023 08/08/2023 10/03/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 12/15/2023 12/12/2023 Annual Mean Annual Max	0.55 0.87 0.71 0.56 0.77 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.46	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.14 0.13 0.14 0.13 0.14 0.13 0.14	0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.36 0.36 0.32 0.36 0.32 0.36 0.32
		EPA 7471B	mg/kg dry weight	Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/13/2023 09/19/2023 10/10/2023 10/10/2023 11/07/2023 11/07/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61 0.87	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.14 0.14 0.14 0.13 0.12 0.14 0.13	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.36 0.32 0.36 0.32 0.36 0.32 0.36 0.32
					01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/13/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023 11/15/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61 0.87 0.45	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.14 0.13 0.14 0.13 0.14 0.12 0.113 0.12	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.34 0.33 0.36 0.36 0.34 0.32 0.36 0.35 0.35 0.35
				Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/09/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/13/2023 09/19/2023 10/10/2023 10/10/2023 11/07/2023 11/07/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023 12/12/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61 0.87	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.14 0.14 0.14 0.13 0.12 0.14 0.13	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.36 0.36 0.36 0.36 0.32 0.36 0.32 0.36 0.32 0.36 0.32
				Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/10/2023 11/15/2023 11/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023 01/17/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61 0.87 0.45 0.74	0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.13 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.12 0.14 0.15 0.10 0.11 0.11 0.12 0.11 0.12 0.11 0.12	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.34 0.33 0.36 0.36 0.34 0.32 0.36 0.34 0.32 0.36 0.32 0.31 0.35 0.31 0.30 0.31
				Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/08/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61	0.13 0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.12 0.13 0.12 0.14 0.12 0.13 0.12	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.32 0.36 0.32 0.36 0.32 0.31 0.35
				Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/07/2023 11/07/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.54 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.46 0.78 0.47	0.13 0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.13 0.14 0.14 0.13 0.13 0.14 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.11 0.12 0.11 0.12 0.11 0.12 0.11	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.35 0.34 0.33 0.36 0.36 0.34 0.32 0.36 0.32 0.36 0.32 0.31 0.32
				Plant 2	01/17/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/08/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/15/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023	0.55 0.87 0.71 0.56 0.77 0.87 0.86 0.50 0.68 0.46 0.68 0.59 0.47 0.64 0.51 0.49 0.45 0.46 0.78 0.43 0.52 0.61	0.13 0.13 0.13 0.13 0.12 0.13 0.12 0.13 0.14 0.14 0.13 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.14 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.13 0.12 0.14 0.12 0.13 0.12 0.14 0.12 0.13 0.12	0.34 0.34 0.34 0.33 0.35 0.35 0.35 0.35 0.35 0.34 0.36 0.36 0.36 0.36 0.36 0.32 0.36 0.32 0.36 0.32 0.31 0.35

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/11/2023	0.44	0.12	0.31
					05/02/2023	0.36	0.13	0.32
					05/09/2023	0.52	0.13	0.33
					06/06/2023	0.45	0.12	0.30
					06/13/2023	0.37	0.11	0.30
					07/11/2023	0.43	0.11	0.29
					07/18/2023	0.57	0.12	0.32
					08/08/2023	0.42	0.12	0.31
					08/22/2023	0.49	0.12	0.33
					09/19/2023	0.36	0.11	0.29
					10/03/2023	0.56	0.12	0.30
					10/10/2023	0.44	0.11	0.29
					11/07/2023	0.41	0.12	0.31
					11/14/2023	0.77	0.13	0.33
					12/05/2023	0.53	0.13	0.33
						0.75	0.13	0.33
					12/12/2023		0.13	0.33
					Annual Mean	0.52		
					Annual Max	0.77		
	Mercury wet	EPA 7471B	mg/kg	Plant 1	01/10/2023	0.14	0.032	0.083
	,		99			0.13	0.031	0.082
	weight			Dewatering Cake	01/17/2023			
					02/07/2023	0.21	0.031	0.082
					02/14/2023	0.18	0.033	0.085
					03/07/2023	0.14	0.031	0.082
				1	03/14/2023	0.19	0.033	0.085
					04/04/2023	0.22	0.031	0.082
					04/11/2023	0.21	0.031	0.080
					05/02/2023	0.12	0.033	0.085
					05/09/2023	0.16	0.032	0.083
				1	06/06/2023	0.11	0.032	0.083
					06/13/2023	0.16	0.030	0.079
					07/11/2023	0.13	0.031	0.080
					07/17/2023	0.14	0.033	0.085
					08/08/2023	0.11	0.033	0.085
					08/22/2023	0.16	0.033	0.085
					09/19/2023	0.13	0.032	0.083
					10/03/2023	0.12	0.033	0.087
					10/10/2023	0.11	0.031	0.080
					11/07/2023	0.11	0.032	0.083
					11/15/2023	0.19	0.030	0.079
					12/05/2023	0.11	0.033	0.087
					12/12/2023	0.13	0.031	0.080
					Annual Mean	0.15		
								+
				Diamt 2	Annual Max	0.22		
		EPA 7471B	mg/kg	Plant 2	01/10/2023	0.12	0.032	0.083
					01/17/2023	0.20	0.031	0.082
					02/07/2023	0.16	0.033	0.085
					02/14/2023	0.17	0.032	0.083
					03/07/2023	0.16	0.031	0.082
					03/14/2023	0.12	0.033	0.085
					04/04/2023	0.16	0.031	0.082
					04/11/2023	0.12	0.033	0.085
					05/02/2022		0.000	
					05/02/2023	0.094	0.033	0.085
					05/09/2023	0.13	0.032	0.083
					06/06/2023	0.12	0.031	0.080
					06/13/2023	0.10	0.031	0.080
					07/11/2023	0.12	0.031	0.082
				1			0.001	
					07/18/2023	0.15	0.033	0.085
					08/08/2023	0.11	0.031	0.080
	l				08/22/2023	0.12	0.030	0.079
					09/19/2023	0.096	0.030	0.079
					IUUI IUIZUZU			0.080
					10/02/2022	0.45		
					10/03/2023	0.15	0.031	
					10/03/2023 10/10/2023	0.12	0.031	0.080
					10/03/2023 10/10/2023	0.12	0.031 0.031	
					10/03/2023 10/10/2023 11/07/2023	0.12 0.11	0.031 0.031	0.080 0.082
					10/03/2023 10/10/2023 11/07/2023 11/14/2023	0.12 0.11 0.20	0.031 0.031 0.033	0.080 0.082 0.085
					10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023	0.12 0.11 0.20 0.14	0.031 0.031 0.033 0.033	0.080 0.082 0.085 0.087
					10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023	0.12 0.11 0.20 0.14 0.19	0.031 0.031 0.033	0.080 0.082 0.085
					10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023	0.12 0.11 0.20 0.14 0.19 0.14	0.031 0.031 0.033 0.033	0.080 0.082 0.085 0.087
					10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean	0.12 0.11 0.20 0.14 0.19 0.14	0.031 0.031 0.033 0.033	0.080 0.082 0.085 0.087
	Molyhdosum	EDA 6040	malka der weight	Dignt 1	10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	0.12 0.11 0.20 0.14 0.19 0.14 0.20	0.031 0.031 0.033 0.033 0.032	0.080 0.082 0.085 0.087 0.083
	Molybdenum	EPA 6010	mg/kg dry weight	Plant 1	10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15	0.031 0.031 0.033 0.033 0.032	0.080 0.082 0.085 0.087 0.083
	Molybdenum	EPA 6010	mg/kg dry weight	Plant 1 Dewatering Cake	10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15	0.031 0.031 0.033 0.033 0.032	0.080 0.082 0.085 0.087 0.083
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15	0.031 0.031 0.033 0.033 0.032	0.080 0.082 0.085 0.087 0.083
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 01/17/2023 02/07/2023 03/07/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/107/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/07/2023 02/14/2023 03/07/2023 04/04/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16 17	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2 2.0	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1 7.9
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/107/2023 11/14/2023 12/105/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/17/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16 17 17	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.1 2.2 2.0 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1 7.9 8.2
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/107/2023 11/114/2023 12/105/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16 17 17	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2 2.0 2.1 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1 7.9 8.2 8.3
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/107/2023 11/14/2023 12/105/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/17/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16 17 17	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2 2.0 2.1 2.1 2.2	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1 7.9 8.2
	Molybdenum	EPA 6010	mg/kg dry weight		10/03/2023 10/10/2023 11/107/2023 11/114/2023 12/105/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 02/07/2023 02/14/2023 03/14/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	0.12 0.11 0.20 0.14 0.19 0.14 0.20 15 15 14 14 16 17 17	0.031 0.031 0.033 0.033 0.032 0.19 0.21 2.1 2.1 2.2 2.0 2.1 2.1	0.080 0.082 0.085 0.087 0.083 1.9 2.1 8.3 7.9 8.0 8.1 7.9 8.2 8.3

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					07/11/2023	18	2.1	8.3
					07/17/2023	17	2.2	8.4
					08/08/2023	14	2.1	8.5
				08/22/2023	13	2.0	8.0	
					09/19/2023	13	2.0	7.8
					10/03/2023	16	2.1	8.2
					10/10/2023	16	2.1	8.1
					11/07/2023	15	2.2	8.4
					11/15/2023	11	2.1	8.2
					12/05/2023	13	2.0	7.8
					12/12/2023	12	2.1	8.0
					Annual Mean	16		
					Annual Max	23		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	17	0.19	1.9
				Dewatering Cake	01/17/2023	14	0.18	1.8
					02/07/2023	16	1.9	7.3
					02/14/2023	17	1.9	7.2
					03/07/2023	18	1.8	7.0
					03/14/2023	18	2.0	7.5
					04/04/2023	24	1.9	7.3
					04/11/2023	22	1.9	7.3
					05/02/2023	23	2.0	7.6
				1	05/09/2023	25	2.1	8.0
				1	06/06/2023	29	1.9	7.4
					06/13/2023	30	1.9	7.4
					07/11/2023	24	1.8	7.1
					07/18/2023	25	2.0	7.5
					08/08/2023	21	1.9	7.6
					08/22/2023	20	2.1	8.2
					09/19/2023	17	1.9	7.4
					10/03/2023	21	1.9	7.4
					10/10/2023	19	1.9	7.3
					11/07/2023	15	2.0	7.5
				1	11/14/2023	13	2.0	7.7
					12/05/2023	14	1.9	7.6
					12/12/2023	14	2.0	7.9
					Annual Mean	20		
					Annual Max	30		
	Molybdenum wet	EPA 6010	mg/kg	Plant 1	01/10/2023	3.8	0.050	0.50
	weight			Dewatering Cake	01/17/2023	3.5	0.050	0.50
				]	02/07/2023	3.3	0.50	2.0
				02/14/2023	3.6	0.52	2.0	
				03/07/2023	4.0	0.52	2.0	
				03/14/2023	4.1	0.53	2.0	
					04/04/2023	4.4	0.51	2.0
					04/11/2023	4.0	0.51	2.0
					05/02/2023	4.6	0.52	2.0
					05/09/2023	4.5	0.52	2.0
					06/06/2023	5.0	0.51	2.0
					06/13/2023	5.3	0.51	2.0
					07/11/2023	4.4	0.50	2.0
					07/17/2023	4.0	0.51	2.0
					08/08/2023	3.4	0.50	2.0
					08/22/2023	3.3	0.51	2.0
					09/19/2023	3.3	0.51	2.0
					10/03/2023	3.8	0.52	2.0
					10/10/2023	3.9	0.51	2.0
					11/07/2023	3.5	0.52	2.0
					11/15/2023	2.8	0.52	2.0
					12/05/2023	3.4	0.51	2.0
					12/12/2023	3.1	0.52	2.0
					Annual Mean	3.9		
					Annual Max	5.3		
		EPA 6010	mg/kg	Plant 2	01/10/2023	4.5	0.050	0.50
			····ə····ə	Dewatering Cake	01/17/2023	3.7	0.049	0.49
				_ cmalcring care	02/07/2023	4.4	0.52	2.0
					02/14/2023	4.7	0.52	2.0
					03/07/2023	5.2	0.52	2.0
I								
		i			03/14/2023	4.9	0.52	2.0
					04/04/2023	6.5	0.51	2.0
					0.414.4100000		0.54	
					04/11/2023	6.1	0.51	2.0
					05/02/2023	6.1 6.1	0.52	2.0
					05/02/2023 05/09/2023	6.1 6.1 6.2	0.52 0.52	2.0
					05/02/2023 05/09/2023 06/06/2023	6.1 6.1 6.2 7.8	0.52 0.52 0.51	2.0 2.0 2.0
					05/02/2023 05/09/2023 06/06/2023 06/13/2023	6.1 6.1 6.2 7.8 8.0	0.52 0.52 0.51 0.52	2.0 2.0 2.0 2.0
					05/02/2023 05/09/2023 06/06/2023	6.1 6.1 6.2 7.8	0.52 0.52 0.51 0.52 0.51	2.0 2.0 2.0 2.0 2.0
					05/02/2023 05/09/2023 06/06/2023 06/13/2023	6.1 6.1 6.2 7.8 8.0	0.52 0.52 0.51 0.52	2.0 2.0 2.0 2.0
					05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023	6.1 6.1 6.2 7.8 8.0 6.8 6.7	0.52 0.52 0.51 0.52 0.51	2.0 2.0 2.0 2.0 2.0
					05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	6.1 6.1 6.2 7.8 8.0 6.8	0.52 0.52 0.51 0.52 0.51 0.52	2.0 2.0 2.0 2.0 2.0 2.0 2.0

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					10/03/2023	5.6	0.52	2.0
					10/10/2023	5.2	0.52	2.0
					11/07/2023		0.52	2.0
						4.1		
				1	11/14/2023	3.3	0.52	2.0
					12/05/2023	3.8	0.51	2.0
					12/12/2023	3.6	0.52	2.0
					Annual Mean	5.3		
					Annual Max	8.0		
	NE-11	EDA 0040	//	DI4.4			0.50	4.0
	Nickel	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	26	0.53	1.9
				Dewatering Cake	01/17/2023	34	0.59	2.1
					02/07/2023	31	1.4	8.3
					02/14/2023	30	1.5	7.9
					03/07/2023	36	1.4	8.0
					03/14/2023			8.1
						30	1.5	
					04/04/2023	38	1.4	7.9
					04/11/2023	33	1.5	8.2
					05/02/2023	29	1.5	8.3
					05/09/2023	36	1.5	8.5
					06/06/2023	27	1.5	8.4
					06/13/2023	29	1.5	8.5
					07/11/2023	34	1.5	8.3
					07/17/2023	40	1.5	8.4
					08/08/2023	30	1.5	8.5
					08/22/2023			
					33	1.4	8.0	
					09/19/2023	28	1.4	7.8
					10/03/2023	35	1.5	8.2
					10/10/2023	45	1.5	8.1
					11/07/2023	41	1.5	8.4
				1	11/15/2023	45	1.5	8.2
					12/05/2023	39	1.4	7.8
					12/12/2023	33	1.4	8.0
				Annual Mean	34			
	EPA 601				Annual Max	45		
		EPA 6010 mg	ma/ka dry weight				0.50	4.0
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	22	0.52	1.9
				Dewatering Cake	01/17/2023	23	0.52	1.8
					02/07/2023	26	1.3	7.3
					02/14/2023	26	1.3	7.2
					03/07/2023	29	1.3	7.0
					03/14/2023	25	1.4	7.5
					04/04/2023	31	1.3	7.3
					04/11/2023	27	1.3	7.3
					05/02/2023	26	1.4	7.6
					05/09/2023	30	1.5	8.0
					06/06/2023	26	1.3	7.4
					06/13/2023	25	1.3	7.4
					07/11/2023	28	1.3	7.1
					07/18/2023	32	1.4	7.5
					08/08/2023	32	1.3	7.6
					08/22/2023	34	1.5	8.2
					09/19/2023	30	1.3	7.4
					10/03/2023	45	1.3	7.4
					10/10/2023	40	1.4	7.3
					11/07/2023	31	1.4	7.5
					11/14/2023	34	1.4	7.7
					12/05/2023	27	1.4	7.6
					12/12/2023	31	1.4	7.9
					Annual Mean	30	1	1
							+	+
		== A 0 = : =		D	Annual Max	45		. ==
	Nickel wet weight	EPA 6010	mg/kg	Plant 1	01/10/2023	6.7	0.14	0.50
				Dewatering Cake	01/17/2023	8.1	0.14	0.50
							0.35	2.0
					02/07/2023	7.5		
					02/07/2023	7.5		
					02/14/2023	7.6	0.37	2.0
					02/14/2023 03/07/2023	7.6 9.0	0.37 0.36	2.0
					02/14/2023 03/07/2023 03/14/2023	7.6 9.0 7.5	0.37 0.36 0.37	2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023	7.6 9.0 7.5 9.7	0.37 0.36 0.37 0.36	2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023	7.6 9.0 7.5 9.7	0.37 0.36 0.37 0.36	2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	7.6 9.0 7.5 9.7 8.0	0.37 0.36 0.37 0.36 0.36	2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023	7.6 9.0 7.5 9.7 8.0 7.1	0.37 0.36 0.37 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023	7.6 9.0 7.5 9.7 8.0 7.1	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35 0.35	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 08/08/2023 08/08/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35 0.35	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/17/2023 04/14/2023 04/04/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2 7.1	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35 0.36 0.35 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2 7.1 8.2	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.35 0.36 0.35 0.36 0.35	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2 7.1 8.4	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.36 0.35 0.36 0.35 0.36 0.35	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/02/2023 08/02/2023 08/13/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2 7.1 8.2 1.1	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.36 0.35 0.36 0.35 0.36 0.35 0.36 0.36	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
					02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/17/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	7.6 9.0 7.5 9.7 8.0 7.1 8.6 6.5 6.9 8.1 9.4 7.1 8.2 7.1 8.4	0.37 0.36 0.37 0.36 0.36 0.36 0.36 0.36 0.36 0.35 0.36 0.35 0.36 0.35 0.36 0.35	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					12/12/2023	8.3	0.36	2.0
					Annual Mean	8.3		
					Annual Max	11		
		EPA 6010	mg/kg	Plant 2	01/10/2023	5.8	0.14	0.50
		LI A 0010	ilig/kg	Dewatering Cake	01/17/2023	6.3	0.14	0.49
				Dewatering Cake			0.14	2.0
					02/07/2023	7.0		
					02/14/2023	7.3	0.37	2.0
					03/07/2023	8.4	0.37	2.0
					03/14/2023	6.7	0.37	2.0
					04/04/2023	8.4	0.36	2.0
					04/11/2023	7.5	0.36	2.0
					05/02/2023	6.8	0.37	2.0
					05/09/2023	7.5	0.37	2.0
					06/06/2023	7.0	0.36	2.0
					06/13/2023	6.8	0.36	2.0
					07/11/2023	7.8	0.36	2.0
					07/18/2023	8.4	0.36	2.0
					08/08/2023	8.4	0.35	2.0
					08/22/2023	8.3	0.36	2.0
					09/19/2023	8.0	0.36	2.0
					10/03/2023	12	0.36	2.0
					10/10/2023	11	0.37	2.0
					11/07/2023	8.2	0.37	2.0
					11/14/2023	8.7	0.37	2.0
					12/05/2023	7.1	0.36	2.0
					12/12/2023	7.9	0.36	2.0
					Annual Mean	7.9	1	T .
					Annual Max	12	+	<u> </u>
	Colonium	EDA 6040	malka dm!!	Diopt 1			0.05	1.0
	Selenium	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	3.8	0.95	1.9
				Dewatering Cake	01/17/2023	7.6	1.1	2.1
					02/07/2023	8.7 DNQ	5.0	12
					02/14/2023	7.9 DNQ	4.7	12
					03/07/2023	9.6 DNQ	4.8	12
					03/14/2023	7.3 DNQ	4.9	13
					04/04/2023	8.7 DNQ	4.7	12
					04/11/2023	11 DNQ	4.9	12
					05/02/2023	10 DNQ	5.0	12
					05/09/2023	11 DNQ	5.1	13
					06/06/2023	8.8 DNQ	5.0	13
					06/13/2023	8.5 DNQ	5.1	13
					07/11/2023	8.3 DNQ	5.0	12
					07/17/2023	8.0 DNQ	5.1	13
					08/08/2023	ND	5.1	12
					08/22/2023	7.2 DNQ	4.8	12
					09/19/2023	5.8 DNQ	4.7	12
					10/03/2023	7.8 DNQ	4.9	12
					10/10/2023	ND	4.9	12
					11/07/2023	6.8 DNQ	5.1	13
					11/15/2023	7.8 DNQ	4.9	12
					12/05/2023	5.4 DNQ	4.7	12
					12/12/2023	4.8 DNQ	4.8	12
						7.0 DINQ	7.0	14
					Annual Mean	7.6 DNQ		-
		ED 4 65 15		D	Annual Max	7.6	1	ļ.,
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	2.7	0.94	1.9
				Dewatering Cake	01/17/2023	6.3	0.89	1.8
					02/07/2023	8.1 DNQ	4.4	11
					02/14/2023	5.8 DNQ	4.3	11
					03/07/2023	8.0 DNQ	4.2	10
					03/14/2023	6.8 DNQ	4.5	11
					04/04/2023	8.4 DNQ	4.4	11
							4.4	11
					04/11/2023	11		
					05/02/2023	9.1 DNQ	4.6	11
	[				05/09/2023	12	4.8	12
Ī			i .	1	06/06/2023	8.6 DNQ	4.5	11
								. —
					06/13/2023		4.4	11
					06/13/2023 07/11/2023	7.4 DNQ	4.4	
					07/11/2023	7.4 DNQ 7.9 DNQ	4.3	11
					07/11/2023 07/18/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ	4.3 4.5	11 11
					07/11/2023 07/18/2023 08/08/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ	4.3 4.5 4.6	11 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ	4.3 4.5 4.6 4.9	11 11 11 12
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ	4.3 4.5 4.6 4.9 4.5	11 11 11 12 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ	4.3 4.5 4.6 4.9 4.5 4.5	11 11 11 12 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4	11 11 11 12 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4	11 11 11 12 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.5	11 11 11 12 11 11 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.4 4.5	11 11 11 12 11 11 11 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ 5.7 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.5 4.6 4.6	11 11 11 12 11 11 11 11 11 12
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ 4.7 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.4 4.5	11 11 11 12 11 11 11 11 11
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 Annual Mean	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ 4.7 DNQ 7.2 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.5 4.6 4.6	11 11 11 12 11 11 11 11 11 12
					07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/05/2023 12/12/2023 Annual Mean Annual Max	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 6.1 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ 5.7 DNQ 7.2 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.5 4.6 4.6 4.7	11 11 11 12 11 11 11 11 11 11 12 11
	Selenium wet weight	EPA 6010	mg/kg	Plant 1 Dewatering Cake	07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	7.4 DNQ 7.9 DNQ 5.7 DNQ 6.1 DNQ 7.8 DNQ 6.3 DNQ 8.9 DNQ 4.4 DNQ 6.0 DNQ 8.9 DNQ 4.7 DNQ 7.2 DNQ	4.3 4.5 4.6 4.9 4.5 4.5 4.4 4.5 4.6 4.6	11 11 11 12 11 11 11 11 11 12

Part 2   P
Silver   PA 6010   mg/kg dry weight   Plant 1   Devatering Cake   PA 6010   mg/kg dry weight   Plant 1   Plant 2   Plant 1   Plant 2   Plant 3   Plant 4
Boystalogo
Part   Part
OH112023
Billion
Biver   EPA 6010   Big   Biver   Biv
Billion
06/06/2023   2.1 DNQ   1.2   3.0
Beautified   Bea
Both   Both
Barrie
BROWN   12   2.9
Beautiful   Beau
Beautiful   Beau
Beautiful Content
FPA 6010   mg/kg   Plant 2   Dewatering Cake
The content of the
Hi/17/2023
History   Hist
History   Hist
EPA 6010 mg/kg Plant 2 Dewatering Cake Plant 3 Dewatering Cake Plant 2 Dewatering Cake Plant 2 Dewatering Cake Plant 3 Dewatering Cake Plant 3 Dewatering Cake Plant 3 Dewatering Cake Plant 3 Dewatering Cake Plant 4 Dewatering Cake Plant 5 Dewatering Cake Plant 6 Dewatering Cake Plant 6 Dewatering Cake Plant 6 Dewatering Cake Plant 6 Dewatering Cake Plant 6 Dewatering Cake Plant 6 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 7 Dewatering Cake Plant 8 Dewatering Cake Plant 9 Dewater
EPA 6010   mg/kg   Plant 2   Dewatering Cake
Annual Mean
EPA 6010   mg/kg   Plant 2
EPA 6010 mg/kg Plant 2 Dewatering Cake      Patrix   Patr
EPA 6010 mg/kg Plant 2 Dewatering Cake      Patrix   Patr
Dewatering Cake    Dewatering Cake   01/17/2023   1.7   0.24   0.49
Silver   EPA 6010   mg/kg dry weight   Dewatering Cake   Devate
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake
Silver   EPA 6010   mg/kg dry weight   Days and the state of the sta
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Diff/2023   1.8 DNQ   1.2   3.0   0.0   0.56   6.0   0.27/2023   2.3 DNQ   1.2   3.0   0.0   0.56   6.0   0.27/2023   0.2 DNQ   1.2   3.0   0.0   0.56   6.0   0.27/2023   0.2 DNQ   1.2   3.0   0.0   0.56   6.0   0.27/2023   0.0 DNQ   1.2   3.0   0.0   0.56   6.0   0.27/2023   0.0 DNQ   0.2   0.0 DNQ   0.
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Diff/2023   3.8 DNQ   1.2   3.0   0.30   0.50
Name
Add   1,2,2,3,0   1,2,3,
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Diff/07/2023   2.3 DNQ   1.2   3.0   3.
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Daylor 2023   3.1   1.2   3.0   3.0   0.59   5.9   0.3/07/2023   3.2 DNQ   1.2   3.0   0.55   5.9   0.3/07/2023   2.3 DNQ   1.2   3.0   0.55   5.9   0.03/07/2023   2.0 DNQ   1.2   3.0   0.0   0.55   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/05   5.9   0.05/07/2023   2.6 DNQ   0.61   6.1   0.4/04/2023   2.8 DNQ   0.55   5.9   0.05/07/2023   0.05/07/2023   0.05/07/2023   0.05/07/2023   0.05/07/2023
Beautiful Content of the Content o
Silver   EPA 6010   mg/kg dry weight   EPA 6010   mg/kg dry weight   Dewatering Cake   Day 2014/2023   2.9 DNQ   1.2   3.0   0.0   0.55   5.9   0.050   0.55   5.9   0.050   0.61   6.1   0.4   0.0   0.55   5.9   0.050   0.61   6.1   0.4   0.0   0.55   5.9   0.050   0.61   6.1   0.4   0.0   0.55   5.9   0.050   0.55   0.050
Silver   EPA 6010   mg/kg dry weight   Dewatering Cake   Devate Repairs
Silver   EPA 6010   mg/kg dry weight   Dewatering Cake   Devate Repairs
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Days and the properties of the pr
Silver   EPA 6010   mg/kg dry weight   EPA 6010   mg/kg dry weight   Dewatering Cake   Dewatering Ca
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Di/17/2023   2.9   0.050   1.7   0.056   6.0   0.07/14/2023   2.6 DNQ   0.55   5.9   0.040/14/2023   2.8 DNQ   0.55   5.9   0.040/14/2023   2.8 DNQ   0.55   5.9   0.050   0.56   6.0   0.07/14/2023   2.8 DNQ   0.55   5.9   0.040/14/2023   2.8 DNQ   0.55   5.9   0.050   0.55   5.9   0.040/14/2023   2.8 DNQ   0.55   0.040/14/2023   2.8 DNQ   0.55   0.040/14/2023   2.8 DNQ   0.55   0.040/14/2023   0.040/14/2023   0.04
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   Dewatering Cake   Dewatering Cake   Dewatering Cake   Devater   Dewatering Cake   Dewater   Dewat
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   D1/10/2023   3.2 DNQ   0.58   0.2 02/14/2023   3.2 DNQ   0.59   5.9 04/04/2023   0.6 DNQ   0.55   5.9   0.046   0.12   0.046   0.12   0.040   0.55   5.9   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.0
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake   D1/10/2023   3.2 DNQ   0.58   0.2 02/14/2023   3.2 DNQ   0.59   5.9 04/04/2023   0.6 DNQ   0.55   5.9   0.046   0.12   0.046   0.12   0.040   0.55   5.9   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.55   0.040   0.0
Tol/10/2023   1.2 DNQ   1.2   3.0
Table   Feature   Featur
Table   Feet
Taylo5/2023   1.5 DNQ   1.2   3.0
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake
Silver   EPA 6010   mg/kg dry weight   Plant 1   Dewatering Cake
Silver EPA 6010 mg/kg dry weight Plant 1 Dewatering Cake 01/10/2023 2.3 0.046 1.5 01/17/2023 2.9 0.050 1.7 02/07/2023 3.8 DNQ 0.58 6.2 02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 0.1 04/04/2023 2.8 DNQ 0.55 5.9
Silver EPA 6010 mg/kg dry weight Plant 1 Dewatering Cake 01/10/2023 2.3 0.046 1.5 01/17/2023 2.9 0.050 1.7 02/07/2023 3.8 DNQ 0.58 6.2 02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
Dewatering Cake 01/17/2023 2.9 0.050 1.7 02/07/2023 3.8 DNQ 0.58 6.2 02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
02/07/2023 3.8 DNQ 0.58 6.2 02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
02/14/2023 3.2 DNQ 0.59 5.9 03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
03/07/2023 3.9 DNQ 0.56 6.0 03/14/2023 2.6 DNQ 0.61 6.1 04/04/2023 2.8 DNQ 0.55 5.9
03/14/2023
04/04/2023 2.8 DNQ 0.55 5.9
04/11/2023 2.7 DNQ 0.57 6.1
05/02/2023 2.4 DNQ 0.58 6.2
05/09/2023 2.2 DNQ 0.59 6.4
06/06/2023 2.7 DNQ 0.59 6.3
06/13/2023 3.4 DNQ 0.60 6.4
07/11/2023 1.3 DNQ 0.58 6.3
07/17/2023 ND 0.59 6.3
08/08/2023 1.9 DNQ 0.59 6.4
08/22/2023 4.4 DNQ 0.56 6.0
09/19/2023 1.4 DNQ 0.54 5.8
10/10/2023 1.3 DNQ 0.57 6.1
11/07/2023 3.2 DNQ 0.59 6.3
11/15/2023 3.3 DNQ 0.61 6.1
12/05/2023 1.8 DNQ 0.54 5.8
12/12/2023 1.0 DNQ 0.56 6.0
Annual Mean 2.5 DNQ
Annual Max 2.9
Annual Max 2.9
Annual Max   2.9
EPA 6010 mg/kg dry weight Plant 2 01/10/2023 1.7 0.045 1.5 Dewatering Cake 01/17/2023 1.7 0.044 1.4
EPA 6010 mg/kg dry weight Plant 2 01/10/2023 1.7 0.045 1.5 01/17/2023 1.7 0.044 1.4 02/07/2023 2.5 DNQ 0.51 5.5
EPA 6010 mg/kg dry weight Plant 2 01/10/2023 1.7 0.045 1.5 01/17/2023 1.7 0.044 1.4 02/07/2023 2.5 DNQ 0.51 5.5 02/14/2023 2.4 DNQ 0.54 5.4
EPA 6010 mg/kg dry weight Plant 2
EPA 6010 mg/kg dry weight Plant 2 01/10/2023 1.7 0.045 1.5 01/17/2023 1.7 0.044 1.4 02/07/2023 2.5 DNQ 0.51 5.5 02/14/2023 2.4 DNQ 0.54 5.4

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/11/2023	2.3 DNQ	0.51	5.5
					05/02/2023	1.5 DNQ	0.57	5.7
					05/09/2023	1.4 DNQ	0.60	6.0
					06/06/2023	2.3 DNQ	0.52	5.6
					06/13/2023	2.1 DNQ	0.52	5.6
					07/11/2023	0.79 DNQ	0.52	5.4
					07/18/2023	ND		5.7
							0.53	
					08/08/2023	1.4 DNQ	0.53	5.7
					08/22/2023	3.7 DNQ	0.58	6.2
					09/19/2023	0.63 DNQ	0.52	5.6
					10/03/2023	0.78 DNQ	0.52	5.6
					10/10/2023	ND	0.55	5.5
					11/07/2023	1.5 DNQ	0.56	5.6
					11/14/2023	1.7 DNQ	0.58	5.8
					12/05/2023	ND	0.53	5.7
					12/12/2023	1.0 DNQ	0.55	5.9
					Annual Mean	1.6 DNQ		
					Annual Max	1.7		
	Silver wet weight	EDA 6010	ma/ka	Plant 1		0.59	0.012	0.40
	Silver wet weight	LFA 0010	mg/kg		01/10/2023			0.40
				Dewatering Cake	01/17/2023	0.68	0.012	0.40
					02/07/2023	0.92 DNQ	0.14	1.5
					02/14/2023	0.80 DNQ	0.15	1.5
					03/07/2023	0.98 DNQ	0.14	1.5
					03/14/2023	0.64 DNQ	0.15	1.5
					04/04/2023	0.71 DNQ	0.14	1.5
					04/11/2023	0.67 DNQ	0.14	1.5
					05/02/2023	0.57 DNQ	0.14	1.5
					05/09/2023	0.53 DNQ	0.14	1.5
					06/06/2023	0.65 DNQ	0.14	1.5
					06/06/2023	0.80 DNQ	0.14	1.5
					07/11/2023	0.32 DNQ	0.14	1.5
					07/17/2023	ND	0.14	1.5
					08/08/2023	0.46 DNQ	0.14	1.5
					08/22/2023	1.1 DNQ	0.14	1.5
					09/19/2023	0.37 DNQ	0.14	1.5
					10/03/2023	0.43 DNQ	0.14	1.5
				10/10/2023	0.33 DNQ	0.14	1.5	
					11/07/2023	0.75 DNQ	0.14	1.5
					11/15/2023	0.81 DNQ	0.15	1.5
					12/05/2023	0.47 DNQ	0.14	1.5
					12/12/2023	0.47 DNQ 0.26 DNQ	0.14	1.5
					Annual Mean	0.61 DNQ	0.17	1.0
		EDA 6040			Annual Max	0.68	0.040	0.40
		EPA 6010	mg/kg	Plant 2	01/10/2023	0.45	0.012	0.40
				Dewatering Cake	01/17/2023	0.45	0.012	0.39
					02/07/2023	0.67 DNQ	0.14	1.5
					02/14/2023	0.66 DNQ	0.15	1.5
					03/07/2023	0.64 DNQ	0.15	1.5
					00/44/0000	0.52 DNQ	0.15	1.5
	1			i	03/14/2023	0.02 DIVQ		
							0.14	
					04/04/2023	0.46 DNQ	0.14	1.5
					04/04/2023 04/11/2023	0.46 DNQ 0.63 DNQ	0.14	1.5 1.5
					04/04/2023 04/11/2023 05/02/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ	0.14 0.15	1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ	0.14 0.15 0.15	1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ	0.14 0.15 0.15 0.14	1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ	0.14 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ	0.14 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/118/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.17 DNQ 0.21 DNQ 0.41 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/03/2023 11/10/2023 11/14/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.22 DNQ ND 0.31 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.21 DNQ 0.41 DNQ 0.43 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023 12/12/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/08/2023 08/22/2023 09/19/2023 10/03/2023 11/10/2023 11/10/2023 11/14/2023 12/05/2023 Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.26 DNQ 0.43 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
					04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/03/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/14/2023 11/14/2023 11/14/2023 Annual Mean Annual Max	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.17 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ 0.43 DNQ 0.43 DNQ 0.45	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium	EPA 6010	mg/kg dry weight	Plant 1	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/03/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.17 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.26 DNQ 0.43 DNQ 0.45 DNQ 0.45	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium	EPA 6010	mg/kg dry weight	Plant 1 Dewatering Cake	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/03/2023 06/03/2023 07/11/2023 07/11/2023 08/08/2023 08/08/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.43 DNQ ND 0.43 DNQ 0.45 DNQ 0.45 ND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium	EPA 6010	mg/kg dry weight		04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/03/2023 07/11/2023 07/11/2023 08/08/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.17 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.26 DNQ 0.43 DNQ 0.45 DNQ 0.45	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium	EPA 6010	mg/kg dry weight		04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/05/2023 06/05/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.43 DNQ ND 0.43 DNQ 0.45 DNQ 0.45 ND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium			Dewatering Cake	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.26 DNQ 0.43 DNQ 0.45 ND ND 0.45 ND ND <	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium	EPA 6010	mg/kg dry weight	Dewatering Cake Plant 2	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 11/14/2023 12/05/2023 Annual Mean Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.21 DNQ 0.21 DNQ ND 0.43 DNQ 0.43 DNQ 0.43 DNQ 0.45 ND ND 0.45 ND ND 0.48 ND ND 0.48 ND ND 0.49 ND 0.41 DNQ 0.41 DNQ 0.43 DNQ 0.43 DNQ 0.45 ND ND 0.45 ND ND ND 0.45 ND ND 0.45 ND ND 0.45 ND ND 0.48 0.48	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium			Dewatering Cake	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/06/2023 06/13/2023 07/11/2023 07/18/2023 08/22/2023 09/19/2023 10/10/2023 11/10/2023 12/05/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.36 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.26 DNQ 0.45 ND ND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium			Dewatering Cake Plant 2	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/03/2023 06/13/2023 07/11/2023 07/118/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/14/2023 12/15/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ 0.21 DNQ ND 0.43 DNQ 0.43 DNQ ND 0.48 DNQ 0.49 DNQ 0.40 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ ND 0.42 DNQ ND 0.43 DNQ ND 0.45 DNQ 0.45 ND ND ND 4.2 DNQ	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
		EPA 6010	mg/kg dry weight	Dewatering Cake Plant 2 Dewatering Cake	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/06/2023 06/03/2023 06/13/2023 07/11/2023 08/08/2023 08/13/2023 09/19/2023 10/03/2023 10/10/2023 11/07/2023 11/07/2023 11/14/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ 0.41 DNQ 0.43 DNQ ND 0.48 DNQ 0.48 DNQ 0.49 DNQ 0.49 DNQ 0.40 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ 0.43 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.45 DND ND 4.2 DNQ 1.0	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium wet			Plant 1 Plant 1	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/05/2023 06/05/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/07/2023 11/07/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.46 DNQ 0.45 DNQ 0.48 DNQ 0.48 DNQ 0.49 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ ND 0.43 DNQ 0.44 DNQ 0.45 DNQ 0.45 DND ND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
		EPA 6010	mg/kg dry weight	Dewatering Cake Plant 2 Dewatering Cake	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/05/2023 06/05/2023 06/05/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/07/2023 11/07/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 07/11/2023 07/11/2023 07/11/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ 0.41 DNQ 0.43 DNQ ND 0.46 DNQ 0.48 DNQ 0.48 DNQ 0.49 DNQ 0.40 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ 0.43 DNQ 0.45 DNQ 0.45 DNQ 0.46 DNQ 0.47 DNQ 0.49 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ 0.43 DNQ 0.45 DNQ 0.45 DNQ 0.45 DNQ 0.46 DNQ 0.47 DND 0.48 DNQ 0.49 DNQ 0.40 DND 0.40 DND 0.40 DND 0.40 DND 0.40 DND 0.40 DND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	Thallium wet	EPA 6010	mg/kg dry weight	Plant 1 Plant 1	04/04/2023 04/11/2023 05/02/2023 05/09/2023 06/05/2023 06/05/2023 06/13/2023 07/11/2023 07/11/2023 08/22/2023 09/19/2023 10/10/2023 11/07/2023 11/07/2023 11/07/2023 12/12/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 07/11/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	0.46 DNQ 0.63 DNQ 0.39 DNQ 0.36 DNQ 0.61 DNQ 0.57 DNQ 0.22 DNQ ND 0.36 DNQ 0.21 DNQ 0.91 DNQ 0.17 DNQ 0.21 DNQ ND 0.41 DNQ 0.43 DNQ ND 0.46 DNQ 0.45 DNQ 0.48 DNQ 0.48 DNQ 0.49 DNQ 0.40 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.41 DNQ 0.42 DNQ ND 0.43 DNQ 0.44 DNQ 0.45 DNQ 0.45 DND ND	0.14 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.14 0.14	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 6010	mg/kg	Plant 2	01/10/2023	0.28	0.12	0.25
			3 3	Dewatering Cake	07/11/2023	ND	2.1	9.9
					Annual Mean	1.2 DNQ		
					Annual Max	0.28		
	Vanadium	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	65	0.10	0.95
	vanadium	EPA 6010	mg/kg ary weight					
				Dewatering Cake	07/11/2023	75	0.67	4.1
					Annual Mean	70		
					Annual Max	75		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	130	0.10	0.94
				Dewatering Cake	07/11/2023	100	0.61	3.5
				3 -	Annual Mean	120		
					Annual Max	130		
	Vanadium wat	EDA 6040	no m/lem	Diant 1	01/10/2023	17	0.027	0.25
	Vanadium wet	EPA 6010	mg/kg	Plant 1				
	weight			Dewatering Cake	07/11/2023	18	0.16	0.98
					Annual Mean	18		
					Annual Max	18		
		EPA 6010	mg/kg	Plant 2	01/10/2023	34	0.027	0.25
				Dewatering Cake	07/11/2023	28	0.17	0.99
				3 -	Annual Mean	31		
					Annual Max	34		
	7.	EDA 0040	// /				0.0	40
	Zinc	EPA 6010	mg/kg dry weight	Plant 1	01/10/2023	690	3.2	19
				Dewatering Cake	01/17/2023	800	3.6	21
					02/07/2023	660	4.5	20
					02/14/2023	670	4.7	20
					03/07/2023	680	4.8	20
					03/14/2023	650	4.9	21
					04/04/2023			
						710	4.7	20
					04/11/2023	730	4.5	20
					05/02/2023	740	5.0	21
					05/09/2023	760	5.1	21
					06/06/2023	710	4.6	21
					06/13/2023	850	4.7	21
					07/11/2023	710	4.6	20
					07/17/2023			21
						680	5.1	
				08/08/2023	680	4.7	21	
				08/22/2023	800	4.8	20	
					09/19/2023	660	4.3	19
					10/03/2023	780	4.9	21
					10/10/2023	810	4.5	20
					11/07/2023	760	5.1	21
					11/15/2023	610	4.9	21
					12/05/2023	740	4.7	19
					12/12/2023	720	4.8	20
					Annual Mean	720		
					Annual Max	850		
		EPA 6010	mg/kg dry weight	Plant 2	01/10/2023	600	3.2	19
				Dewatering Cake	01/17/2023	590	3.1	18
				Dewatering Cake	02/07/2023	590	4.4	18
						=00	4.0	1,0
					02/14/2023	580	4.3	18
					03/07/2023	590	4.2	18
					03/14/2023	570	4.5	19
					04/04/2023	660	4.0	18
					04/11/2023	650	4.4	18
					05/02/2023	680	4.6	19
					05/09/2023	680	4.8	20
					06/06/2023	710	4.1	18
						700		19
					06/13/2023		4.4	
					07/11/2023	640	3.9	18
					07/18/2023	720	4.5	19
					08/08/2023	650	4.2	19
					08/22/2023	780	4.5	21
					09/19/2023	670	4.5	19
					10/03/2023	860	4.5	19
					10/03/2023		4.4	19
					10/10/2023	770	4.4	
					11/07/2023	680	4.5	19
					11/14/2023	580	4.6	20
					12/05/2023	610	4.6	19
					12/12/2023	630	4.7	20
					Annual Mean	660		
			1		Annual Max	860		
				1	01/10/2023	180	0.85	5.0
	Zino wot waisht	EDA 6010	A CO40			LIOU		
	Zinc wet weight	EPA 6010	mg/kg	Plant 1				
	Zinc wet weight	EPA 6010	mg/kg	Plant 1 Dewatering Cake	01/17/2023	190	0.85	5.0
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023	190 160	0.85 1.1	5.0 4.9
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023	190 160	0.85 1.1	5.0
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023	190 160 170	0.85 1.1 1.2	5.0 4.9 5.1
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023 03/07/2023	190 160 170 170	0.85 1.1 1.2 1.2	5.0 4.9 5.1 5.0
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023	190 160 170 170 160	0.85 1.1 1.2 1.2 1.2	5.0 4.9 5.1 5.0 5.1
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023	190 160 170 170 160 180	0.85 1.1 1.2 1.2 1.2 1.2	5.0 4.9 5.1 5.0 5.1 5.0
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023 04/11/2023	190 160 170 170 160 180	0.85 1.1 1.2 1.2 1.2 1.2 1.1	5.0 4.9 5.1 5.0 5.1 5.0 4.9
	Zinc wet weight	EPA 6010	mg/kg		01/17/2023 02/07/2023 02/14/2023 03/07/2023 03/14/2023 04/04/2023	190 160 170 170 160 180	0.85 1.1 1.2 1.2 1.2 1.2	5.0 4.9 5.1 5.0 5.1 5.0

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					06/06/2023	170	1.1	5.0
					06/13/2023	200	1.1	4.9
					07/11/2023	170	1.1	4.9
					07/17/2023	160	1.2	5.0
		1			08/08/2023	160	1.1	4.9
		1			08/08/2023	200	1.1	5.0
					09/19/2023	170	1.1	5.0
					10/03/2023	190	1.2	5.0
					10/10/2023	200	1.1	5.0
					11/07/2023	180	1.2	5.0
					11/15/2023	150	1.2	5.1
					12/05/2023	190	1.2	5.0
					12/12/2023	180	1.2	5.0
					Annual Mean	180	1.2	0.0
		== · · · · · ·		D1 4.0	Annual Max	200		
		EPA 6010	mg/kg	Plant 2	01/10/2023	160	0.86	5.0
				Dewatering Cake	01/17/2023	160	0.85	4.9
					02/07/2023	160	1.2	5.0
					02/14/2023	160	1.2	5.1
					03/07/2023	170	1.2	5.1
					03/14/2023	150	1.2	5.1
		ĺ						
		ĺ			04/04/2023	180	1.1	5.0
		ĺ			04/11/2023	180	1.2	5.0
		ĺ			05/02/2023	180	1.2	5.1
		Í			05/09/2023	170	1.2	5.1
		ĺ			06/06/2023	190	1.1	4.9
		Í			06/13/2023	190	1.2	5.0
		Í						
		ĺ			07/11/2023	180	1.1	5.0
		ĺ			07/18/2023	190	1.2	5.0
		ĺ			08/08/2023	170	1.1	4.9
					08/22/2023	190	1.1	5.0
					09/19/2023	180	1.2	5.0
					10/03/2023	230	1.2	5.0
					10/10/2023	210	1.2	5.1
		1			11/07/2023	180	1.2	5.1
		ĺ			11/14/2023	150	1.2	5.1
		ĺ			12/05/2023	160	1.2	5.0
					12/12/2023	160	1.2	5.0
		Í			Annual Mean	180		
		1			Annual Max	230	+	
Valatila On	1110	EDA 00000	المرادم عادر	Diont 4			220	2600
Volatile Organic	1,1,1,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	220	2600
Compounds	Tetrachloroethane			Dewatering Cake	Annual Mean	<220		
					Annual Max	<220		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	240	2900
			13 3 7		Annual Mean	<240		
				2 stratering same	Annual Max	<240		
	4.4.4.0	EDA 00000	-	DI 1.1				000
	, , ,	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	58	690
	Tetrachloroethane			Dewatering Cake	Annual Mean	<58		
	wet weight				Annual Max	<58		
		EPA 8260C	μg/kg	Plant 2				
				I FIAIIL Z	01/10/2023		65	1770
	1	I .			01/10/2023 Annual Mean	ND	65	770
				Dewatering Cake	Annual Mean	ND <65	65	770
	1.1.1	EDA 00000		Dewatering Cake	Annual Mean Annual Max	ND <65 <65		
		EPA 8260C	μg/kg dry	Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023	ND <65 <65 ND	65 690	2600
	1,1,1- Trichloroethane	EPA 8260C	μg/kg dry	Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean	ND <65 <65 ND <690		
	Trichloroethane		μg/kg dry	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 ND <690 <690		2600
	Trichloroethane	EPA 8260C	μg/kg dry μg/kg dry	Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean	ND <65 <65 ND <690		
	Trichloroethane			Plant 1 Dewatering Cake Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 ND <690 <690 ND	690	2600
	Trichloroethane			Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	ND <65 <65 ND <690 ND <790	690	2600
	Trichloroethane	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 ND <690 <690 <790 <790	690	2600
	Trichloroethane			Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 ND <690 <690 ND <790 <790 ND	690	2600
	Trichloroethane  1,1,1- Trichloroethane	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean	ND <65 <65 ND <690 <690 ND <790 <790 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 N	690	2600
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C	µg/kg dry	Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max	ND <655 <65 ND <690 <690 ND <790 <790 ND <180 <180 <180 <180	690 790	2600 2900 690
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 ND <690 <690 ND <790 <790 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 N	690	2600
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C	µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max	ND <65 <65 ND <690 <690 ND <790 <790 ND <180 <180 ND	690 790	2600 2900 690
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C	µg/kg dry	Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <66 ND <690 ND <790 <790 ND <180 <180 <180 ND <2110 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180	690 790	2600 2900 690
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max	ND <65 <65 <66 ND <690 ND <790 <790 ND <180 <180 <180 ND <2180 <180 ND <210 <210 <210	690 790 180	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2-	EPA 8260C	µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND ND <180 ND ND <180 ND ND ND ND ND ND ND ND	690 790	2600 2900 690
	Trichloroethane  1,1,1- Trichloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 ND <690 <690 <790 ND <790 ND <180 ND <180 ND <120 ND <120 ND <120 ND <120 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 N	690 790 180	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 ND <180 <180 ND <180 ND <180 ND <180 <180 ND <180 <180 ND <180 <180 <180 ND <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180 <180	690 790 180 210	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 <665 ND <690 <690 ND <790 <790 <180 <180 ND <210 <210 <210 <210 ND <210 <210 ND <210 ND <210 ND <210 ND <210 ND <210 ND <210 ND ND <210 ND ND <210 ND ND <210 ND ND ND <210 ND ND ND ND ND ND ND ND ND ND ND	690 790 180	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 <665 ND <690 <690 ND <790 <790 <180 <180 ND <210 <210 <210 <210 ND <210 <210 ND <210 ND <210 ND <210 ND <210 ND <210 ND <210 ND ND <210 ND ND <210 ND ND <210 ND ND ND <210 ND ND ND ND ND ND ND ND ND ND ND	690 790 180 210	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <665 ND <690 <690 ND <790 <790 ND <180 ND <210 <210 <210 ND <310 <310 <310 ND <340 ND <	690 790 180 210	2600 2900 690 770
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <665 ND <690 <690 ND <790 <790 ND <180 ×180 ×180 ×180 ND <210 ×210 ×210 ND <310 ×310 ND <340 ×340 <340	790 180 210 310	2600 2900 690 770 2600
	Trichloroethane  1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 <180 ND <210 <210 <210 ND <310 <310 <310 ND <340 <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND ND <340 ND ND <340 ND ND ND ND ND ND ND ND	690 790 180 210	2600 2900 690 770
	1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 ND <210 <210 <210 <310 <310 ND <340 <340 <340 ND <340 <481	790 180 210 310	2600 2900 690 770 2600
	Trichloroethane  1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 ND <210 <210 <210 <310 ND <310 ND <310 <310 ND <340 <340 ND <340 <35 ND <36 ND <36 ND <66 ND ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND ND <67 ND ND <67 ND ND <67 ND ND ND ND ND ND ND ND	690 790 180 210 310	2600 2900 690 770 2600 2900
	1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <65 <65 <665 ND <690 <690 ND <790 <790 <790 ND <180 ×180 ND <210 <210 <210 <210 ND <310 ND <340 ×340 ×340 ×340 ND <340 ND ND <340 ND ND <340 ND ND <340 ND ND <340 ND ND <340 ND ND ND ND ND ND ND ND ND ND ND ND ND	790 180 210 310	2600 2900 690 770 2600
	1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 ND <690 ND <790 <790 ND <180 <180 ND <210 <210 <210 <310 ND <310 ND <310 <310 ND <340 <340 ND <340 <35 ND <36 ND <36 ND <66 ND ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND <67 ND ND <67 ND ND <67 ND ND <67 ND ND ND ND ND ND ND ND	690 790 180 210 310	2600 2900 690 770 2600 2900
	1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <665 ND <690 <690 ND <790 <790 <790 ND <180 ND <210 <210 <210 ND <310 ND <310 ND <310 ND <310 ND <310 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <3	690 790 180 210 310	2600 2900 690 770 2600 2900
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 <66 ND <690 <690 ND <790 <790 ND <180 <180 <180 <180 <180 <180 <180 <210 <210 <210 <210 ND <310 <310 <310 ND <340 <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND ND <340 ND ND <340 ND ND ND ND ND ND ND ND	790 180 210 310 340 81	2600 2900 690 770 2600 2900 690
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane wet weight  1,1,2,2- Tetrachloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <665 ND <690 <690 ND <790 <790 ND <180 <180 <180 ND <210 <210 ND <310 ND <310 ND <310 ND <310 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND ND <340 ND ND ND <340 ND ND ND ND ND ND ND ND ND ND ND ND ND	690 790 180 210 310	2600 2900 690 770 2600 2900
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane  1,1,2,2- Tetrachloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <65 <66 ND <690 ND <790 <790 ND <180 <180 <180 ND <210 <210 <210 ND <310 <310 <310 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND ND <340 ND ND <340 ND ND <340 ND ND ND ND ND ND ND ND	790 180 210 310 340 81	2600 2900 690 770 2600 2900 690
	1,1,1- Trichloroethane wet weight  1,1,2,2- Tetrachloroethane wet weight  1,1,2,2- Tetrachloroethane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg dry  µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <65 <65 <665 ND <690 <690 ND <790 <790 ND <180 <180 <180 ND <210 <210 ND <310 ND <310 ND <310 ND <310 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND <340 ND ND <340 ND ND ND <340 ND ND ND ND ND ND ND ND ND ND ND ND ND	790 180 210 310 340 81	2600 2900 690 770 2600 2900 690

Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
			Dewatering Cake	Annual Mean	<310		
1,1,2-	EPA 8260C	μg/kg	Plant 1	Annual Max 01/10/2023	<310 ND	75	690
Trichloroethane	Li 7 02000	pg/Ng	Dewatering Cake	Annual Mean	<75	7.0	000
wet weight			Domatoning Canto	Annual Max	<75		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	84	770
		13.3	Dewatering Cake	Annual Mean	<84		-
			_	Annual Max	<84		
1,1-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	530	2600
Dichloroethane			Dewatering Cake	Annual Mean	<530		
				Annual Max	<530		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	600	2900
			Dewatering Cake	Annual Mean	<600		
				Annual Max	<600		
1,1-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	140	690
Dichloroethane			Dewatering Cake	Annual Mean	<140		
wet weight			DI 10	Annual Max	<140	100	
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND 1100	160	770
			Dewatering Cake	Annual Mean	<160		
4.4	EDA 0260C	um/lem alme	Diant 1	Annual Max	<160	F20	2600
1,1- Dichloroethene	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake	01/10/2023 Annual Mean	ND <530	530	2600
Picilioloculene			Dewatering Cake	Annual Max	<530		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	600	2900
		pg/kg uly	Dewatering Cake	Annual Mean	<600	000	2300
			Dowalding Cake	Annual Max	<600		<del>-  </del>
1,1-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	140	690
Dichloroethene		רטייש	Dewatering Cake	Annual Mean	<140		1000
wet weight			25.ratoring Oake	Annual Max	<140		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	160	770
		L-99	Dewatering Cake	Annual Mean	<160	15	1
				Annual Max	<160		1
1,1-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	500	2600
Dichloropropene		13.3	Dewatering Cake	Annual Mean	<500		
				Annual Max	<500		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	560	2900
		, ,	Dewatering Cake	Annual Mean	<560		
				Annual Max	<560		
1,1-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	130	690
Dichloropropene			Dewatering Cake	Annual Mean	<130		
wet weight				Annual Max	<130		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	150	770
			Dewatering Cake	Annual Mean	<150		
				Annual Max	<150		
1,2,3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	840	2600
Trichlorobenzene			Dewatering Cake	Annual Mean	<840		
	EDA 2000		DI 1 O	Annual Max	<840	0.40	0000
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND <040	940	2900
			Dewatering Cake		<940		
1,2,3-	EDV 63600	ua/ka	Plant 1	Annual Max 01/10/2023	<940	220	690
1,2,3- Trichlorobenzene	EPA 8260C	µg/kg	Plant 1 Dewatering Cake		ND	220	1090
wet weight			Dewatering Cake	Annual Mean Annual Max	<220 <220		<del>-  </del>
WOL WEIGHT	EPA 8260C	μg/kg		ı, unrual iyidi.			
1			Plant 2			250	770
	2.7102000	Ma, Ma	Plant 2 Dewatering Cake	01/10/2023	ND	250	770
		pg///g	Plant 2 Dewatering Cake	01/10/2023 Annual Mean	ND <250	250	770
1,2,3-				01/10/2023 Annual Mean Annual Max	ND <250 <250		
1,2,3- Trichloropropane	EPA 8260C	μg/kg dry	Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023	ND <250 <250 ND	250 500	770 2600
			Dewatering Cake Plant 1	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250		
			Dewatering Cake Plant 1	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	ND <250 <250 ND <500		
	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 ND <500 <500	500	2600
	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake Plant 2	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <250 <250 ND <500 <500 ND	500	2600
Trichloropropane	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Plant 1	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	ND <250 <250 ND <500 <500 <500 <560 <560 ND	500	2600
Trichloropropane  1,2,3- Trichloropropane	EPA 8260C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	ND <250 <250 ND <500 <500 ND <560 <560 ND <130 <130	500	2600
Trichloropropane	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 ND <500 <500 ND <560 <560 ND <130 <130 <130 <130	500 560 130	2600 2900 690
Trichloropropane  1,2,3- Trichloropropane	EPA 8260C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <250 <250 ND <500 <500 ND <560 ND <560 ND <130 <130 ND	500	2600
Trichloropropane  1,2,3- Trichloropropane	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 ND <500 ND <500 ND <560 ND <130 ND <130 ND <130 ND <150	500 560 130	2600 2900 690
Trichloropropane  1,2,3- Trichloropropane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 <250 ND <500 <500 ND <560 <560 <130 <130 <130 <130 <130 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <150 <15	500 560 130	2600 2900 690 770
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4-	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 ND <500 <500 ND <560 <560 <130 ND <130 ND <130 ND <130 ND ND ND ND ND ND ND ND	500 560 130	2600 2900 690
Trichloropropane  1,2,3- Trichloropropane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	ND <250 <250 ND <500 <500 ND <560 <560 ND <130 <130 ND <150 <150 ND <150 <150 ND <150 ND <150 ND <150 ND	500 560 130	2600 2900 690
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150	2600 2900 690 770 2600
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130	2600 2900 690
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150	2600 2900 690 770 2600
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4- Trichlorobenzene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <250 <250 ND <500 ND <560 <560 ND <130 <130 ND <150 <150 ND <150 <150 ND <150 ND <150 <150 ND <560 <560 ND <560 <560 ND <560 <560 ND <560 <560	500 560 130 150 500	2600 2900 690 770 2600
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4- Trichlorobenzene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150	2600 2900 690 770 2600
1,2,3- Trichloropropane wet weight  1,2,4- Trichlorobenzene  1,2,4- Trichlorobenzene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150 500	2600 2900 690 770 2600
Trichloropropane  1,2,3- Trichloropropane wet weight  1,2,4- Trichlorobenzene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg dry  μg/kg dry  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150 500 560	2600 2900 690 770 2600 2900
1,2,3- Trichloropropane wet weight  1,2,4- Trichlorobenzene  1,2,4- Trichlorobenzene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 130 150 500	2600 2900 690 770 2600

Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
1,2,4-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	330	2600
Trimethylbenzene			Dewatering Cake	Annual Mean	<330		
			D1 4.0	Annual Max	<330		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	360	2900
			Dewatering Cake	Annual Mean	<360		
4.0.4	EDA 00000		Di	Annual Max	<360	0.0	000
1,2,4-	EPA 8260C	µg/kg	Plant 1	01/10/2023	ND 100	86	690
Trimethylbenzene			Dewatering Cake	Annual Mean	<86		
wet weight	EDA 00000		DI 10	Annual Max	<86	00	770
	EPA 8260C	µg/kg	Plant 2	01/10/2023	ND 100	96	770
			Dewatering Cake	Annual Mean	<96		
4.0 Dibaaaa 0	EDA 00000		DI	Annual Max	<96	000	5000
1,2-Dibromo-3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	920	5300
chloropropane			Dewatering Cake	Annual Mean	<920		
	EDA 00000		DI+ 0	Annual Max	<920 ND	4000	5000
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023		1000	5600
			Dewatering Cake	Annual Mean	<1000		
1000	EDA 00000		DI 14	Annual Max	<1000	0.40	1400
1,2-Dibromo-3-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	240	1400
chloropropane			Dewatering Cake	Annual Mean	<240		
wet weight				Annual Max	<240		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	270	1500
			Dewatering Cake	Annual Mean	<270		
			<u> </u>	Annual Max	<270		
1,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	610	2600
Dibromoethane			Dewatering Cake	Annual Mean	<610		
				Annual Max	<610		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	670	2900
			Dewatering Cake	Annual Mean	<670		
				Annual Max	<670		
1,2-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	160	690
Dibromoethane			Dewatering Cake	Annual Mean	<160		
wet weight				Annual Max	<160		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	180	770
			Dewatering Cake	Annual Mean	<180		
				Annual Max	<180		
1,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	990	2600
Dichlorobenzene			Dewatering Cake	Annual Mean	<990		
				Annual Max	<990		
	EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1100	2900
			Dewatering Cake	Annual Mean	<1100		
				Annual Max	<1100		
1,2-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	260	690
Dichlorobenzene			Dewatering Cake	Annual Mean	<260		
wet weight				Annual Max	<260		
	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	290	770
			Dewatering Cake	Annual Mean	<290		
				Annual Max	<290		
1,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	260	2600
Dichloroethane		-	Dewatering Cake		<260		
			3	Annual Max	<260		
	EPA 8260C	μg/kg dry	Plant 2				
1	1	10.0.0	II Iaiil Z	01/10/2023	ND	290	2900
			Dewatering Cake	01/10/2023 Annual Mean	ND <290	290	2900
				Annual Mean	<290	290	2900
1.2-	EPA 8260C	ua/ka	Dewatering Cake	Annual Mean Annual Max	<290 <290		
1,2- Dichloroethane	EPA 8260C	μg/kg	Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023	<290 <290 ND	290	2900
Dichloroethane	EPA 8260C	µg/kg	Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean	<290 <290 ND <69		
			Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69	69	690
Dichloroethane	EPA 8260C	μg/kg μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<290 <290 ND <69 <69 ND		
Dichloroethane			Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<290 <290 ND <69 <69 ND <77	69	690
Dichloroethane wet weight	EPA 8260C	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77	69	690
Dichloroethane wet weight			Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<290 <290 ND <69 <69 ND <77 <77 ND	69	690
Dichloroethane wet weight	EPA 8260C	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<290 <290 ND <69 <69 ND <77 <77 ND <500	69	690
Dichloroethane wet weight	EPA 8260C	μg/kg μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500	69 77 500	690 770 2600
Dichloroethane wet weight	EPA 8260C	μg/kg	Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023	<290 <290 ND <69 <69 ND <77 ND <500 <500 ND	69	690
Dichloroethane wet weight	EPA 8260C	μg/kg μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <777 <77 ND <500 <500 ND	69 77 500	690 770 2600
Dichloroethane wet weight  1,2- Dichloropropane	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520	69 77 500	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane	EPA 8260C	μg/kg μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <500 ND <7500 ND ND <700 ND ND ND ND ND ND ND ND ND ND ND ND ND	69 77 500	690 770 2600
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 ND <520 <520 ND <130	69 77 500	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 ND <130 <130	69 77 500 520	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520 ND <130 <130 ND	69 77 500	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <777 <77 ND <500 ND <520 <520 ND <130 <130 ND <1410	69 77 500 520	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520 ND <130 <130 ND <140 <140	69 77 500 520 130	690 770 2600 2900 690
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight  1,3,5-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520 ND <130 <130 ND <140 ND <140 ND	69 77 500 520	690 770 2600 2900
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <130 <130 ND <1440 ND <170 <170 <170 ND <170 <170 ND <170 <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170	69 77 500 520 130	690 770 2600 2900 690
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight  1,3,5-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg  µg/kg  µg/kg  µg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520 ND <130 <130 ND <14140 <140 ND <170 <170 <170	500 520 130 140	690 770 2600 2900 690 770
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight  1,3,5-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <5500 <520 ND <130 <130 ND <1140 ND <1140 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND	69 77 500 520 130	690 770 2600 2900 690
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight  1,3,5-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg  µg/kg  µg/kg  µg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <520 <520 ND <130 ND <130 ND <110 ND <110 ND <1140 ND <1140 ND <170 ND <170 ND <170 ND <170 ND <170 ND	500 520 130 140	690 770 2600 2900 690 770
Dichloroethane wet weight  1,2- Dichloropropane  1,2- Dichloropropane wet weight  1,3,5-	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg dry  µg/kg  µg/kg  µg/kg  µg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<290 <290 ND <69 <69 ND <77 <77 ND <500 <500 ND <5500 <520 ND <130 <130 ND <1140 ND <1140 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND <170 ND	500 520 130 140	690 770 2600 2900 690 770

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	wet weight				Annual Max	<44		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	50	770
				Dewatering Cake	Annual Mean	<50		
	125	EPA 8260C	ua/ka da	Plant 1	Annual Max 01/10/2023	<50 ND	420	2600
	1,3,5- Trimethylbenzene	EPA 8200C	μg/kg dry	Dewatering Cake	Annual Mean	<420	420	2600
	Trimetriyiberizerie			Dewatering Cake	Annual Max	<420		-
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	450	2900
		LI A 0200C	µg/kg diy	Dewatering Cake	Annual Mean	<450	430	2300
				Dewatering Care	Annual Max	<450		
	1,3,5-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	110	690
	Trimethylbenzene	2.7.02000	F99	Dewatering Cake	Annual Mean	<110	10	-
	wet weight			3 -	Annual Max	<110		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	120	770
			13.3	Dewatering Cake	Annual Mean	<120	-	
					Annual Max	<120		1
	1,3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	420	2600
	Dichlorobenzene			Dewatering Cake	Annual Mean	<420		
					Annual Max	<420		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	490	2900
				Dewatering Cake	Annual Mean	<490		
					Annual Max	<490		
	1,3-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	110	690
	Dichlorobenzene			Dewatering Cake	Annual Mean	<110		
	wet weight				Annual Max	<110	100	<del></del>
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	130	770
				Dewatering Cake	Annual Mean	<130		+
	4.0	EDA 00000		DI ( 4	Annual Max	<130	200	0000
	1,3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	300	2600
	Dichloropropane			Dewatering Cake	Annual Mean	<300 <300		+
		EDA 0260C	/Iran alma	Plant 2	Annual Max 01/10/2023	ND	220	2900
		EPA 8260C	μg/kg dry	Dewatering Cake	Annual Mean	<330	330	2900
				Dewatering Cake	Annual Max	<330		
	1,3-	EPA 8260C	ug/kg	Plant 1	01/10/2023	ND	78	690
	Dichloropropane	LFA 0200C	μg/kg	Dewatering Cake	Annual Mean	<78	70	090
	wet weight			Dewatering Care	Annual Max	<78		-
	wot worght	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND ND	87	770
		2.7.02000	F99	Dewatering Cake	Annual Mean	<87		1
				3 -	Annual Max	<87		
	1,4-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	260	2600
	Dichlorobenzene			Dewatering Cake	Annual Mean	<260		
					Annual Max	<260		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	290	2900
				Dewatering Cake	Annual Mean	<290		
					Annual Max	<290		
	1,4-	EPA 8260C	µg/kg	Plant 1	01/10/2023	ND	69	690
	Dichlorobenzene			Dewatering Cake	Annual Mean	<69		
	wet weight				Annual Max	<69		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	77	770
				Dewatering Cake	Annual Mean	<77		
	2.2	EDA 00000		Diest 4	Annual Max	<77	650	2600
	2,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND ccco	650	2600
	Dichloropropane			Dewatering Cake	Annual Mean	<650	+	+
		EPA 8260C	ua/ka dr	Plant 2	Annual Max 01/10/2023	<650 ND	710	2900
		LFA 0200C	μg/kg dry	Dewatering Cake	Annual Mean	<710	/ 10	2300
				Dewatering Cake	Annual Max	<710		-
	2,2-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	170	690
	Dichloropropane		פיייש	Dewatering Cake	Annual Mean	<170	1	-
	wet weight			g cano	Annual Max	<170		1
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	190	770
			"	Dewatering Cake	Annual Mean	<190		
				J	Annual Max	<190		
	2-Chlorotoluene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	270	2600
				Dewatering Cake	Annual Mean	<270		
					Annual Max	<270		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	300	2900
				Dewatering Cake	Annual Mean	<300		
					Annual Max	<300		
	2-Chlorotoluene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	72	690
	wet weight			Dewatering Cake	Annual Mean	<72		
					Annual Max	<72		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	81	770
				Dewatering Cake	Annual Mean	<81		
					Annual Max	<81		
	2-Hexanone wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	600	2800
	weight			Dewatering Cake	Annual Mean	<600		
					Annual Max	<600		4
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	670	3100

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				Dewatering Cake	Annual Mean	<670		
	1011	EDA COCCE		DI ( )	Annual Max	<670	0.40	0000
	4-Chlorotoluene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	240	2600
				Dewatering Cake	Annual Mean Annual Max	<240 <240		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	270	2900
			P33)	Dewatering Cake	Annual Mean	<270		
					Annual Max	<270		
	4-Chlorotoluene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	64	690
	wet weight			Dewatering Cake	Annual Mean	<64		
		EPA 8260C	μg/kg	Plant 2	Annual Max 01/10/2023	<64 ND	71	770
		LFA 0200C	μg/kg	Dewatering Cake	Annual Mean	<71	11	1770
				3 -	Annual Max	<71		
	Acrolein	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	12000	53000
				Dewatering Cake	Annual Mean	<12000		
		EDA 00000		Di+ O	Annual Max	<12000	40000	50000
		EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023 Annual Mean	ND <13000	13000	56000
				Dewatering Cake	Annual Max	<13000		
	Acrolein wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	3200	14000
	weight			Dewatering Cake	Annual Mean	<3200		
					Annual Max	<3200		
		EPA 8260C	µg/kg	Plant 2	01/10/2023	ND	3600	15000
				Dewatering Cake	Annual Mean Annual Max	<3600 <3600		
	Acrylonitrile	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	<3600 ND	2700	53000
	,		לוב פייים	Dewatering Cake	Annual Mean	<2700		
					Annual Max	<2700		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	3000	56000
				Dewatering Cake	Annual Mean	<3000		
	A on donitrilo wot	EDA 9260C	ualka	Plant 1	Annual Max 01/10/2023	<3000 ND	720	14000
	Acrylonitrile wet weight	EPA 8260C	µg/kg	Dewatering Cake	Annual Mean	<720	720	14000
	Worgh			Dowatoring Care	Annual Max	<720		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	810	15000
				Dewatering Cake	Annual Mean	<810		
					Annual Max	<810		
	Benzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND 4500	500	2600
				Dewatering Cake	Annual Mean Annual Max	<500 <500		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	520	2900
			13.3.7	Dewatering Cake	Annual Mean	<520		
					Annual Max	<520		
	Benzene wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	130	690
	weight			Dewatering Cake	Annual Mean Annual Max	<130 <130		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	140	770
			rs/···s	Dewatering Cake		<140	1	
					Annual Max	<140		
	Bromobenzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	200	2600
				Dewatering Cake	Annual Mean	<200		
		EPA 8260C	μg/kg dry	Plant 2	Annual Max 01/10/2023	<200 ND	220	2900
		LI A 02000	µg/kg uiy	Dewatering Cake	Annual Mean	<220	220	2300
					Annual Max	<220		
	Bromobenzene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	53	690
	wet weight			Dewatering Cake	Annual Mean	<53		
		EDA 00000	//-	Dlant 0	Annual Max	<53	50	770
		EPA 8260C	µg/kg	Plant 2 Dewatering Cake	01/10/2023 Annual Mean	ND <59	59	770
				Sometoning odke	Annual Max	<59		
	Bromochlorometh	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	500	2600
	ane			Dewatering Cake	Annual Mean	<500		
					Annual Max	<500		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND 4560	560	2900
				Dewatering Cake	Annual Mean Annual Max	<560 <560		1
	Bromochlorometh	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	130	690
	ane wet weight		מיייש	Dewatering Cake	Annual Mean	<130	1.00	1300
					Annual Max	<130		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	150	770
				Dewatering Cake	Annual Mean	<150		
	Bromodichlorome	EDV 8360C	μg/kg dry	Plant 1	Annual Max 01/10/2023	<150 ND	990	2600
	thane	LI A 02000	pg/kg uly	Dewatering Cake	Annual Mean	<990	330	2000
				Gano	Annual Max	<990		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1100	2900
1				Dewatering Cake	Annual Mean	<1100		
					Annual Max	<1100		

у	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	Bromodichlorome	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	260	690
	thane wet weight			Dewatering Cake	Annual Mean	<260		
					Annual Max	<260		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	290	770
				Dewatering Cake	Annual Mean	<290		
	D	EDA 00000		DI	Annual Max	<290	4700	0000
	Bromoform	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND <1700	1700	2600
				Dewatering Cake	Annual Mean Annual Max	<1700		
		EPA 8260C	ualka dar	Plant 2	01/10/2023	ND	1900	2900
		EPA 6200C	µg/kg dry	Dewatering Cake	Annual Mean	<1900	1900	2900
				Dewatering Cake	Annual Max	<1900		
	Bromoform wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	440	690
	weight	2.7.02000	P9/N9	Dewatering Cake	Annual Mean	<440	110	1000
	g			2 on atoming out	Annual Max	<440		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	500	770
			100	Dewatering Cake	Annual Mean	<500		
					Annual Max	<500		
	Bromomethane	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	500	5300
				Dewatering Cake	Annual Mean	<500		
					Annual Max	<500		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	560	5600
				Dewatering Cake	Annual Mean	<560		
					Annual Max	<560		
	Bromomethane	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	130	1400
	wet weight			Dewatering Cake	Annual Mean	<130		
					Annual Max	<130		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	150	1500
				Dewatering Cake	Annual Mean	<150		
					Annual Max	<150		
	Carbon	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	180	2600
	tetrachloride			Dewatering Cake	Annual Mean	<180		
					Annual Max	<180		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	200	2900
				Dewatering Cake	Annual Mean	<200		
					Annual Max	<200		
	Carbon	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	47	690
	tetrachloride wet			Dewatering Cake	Annual Mean	<47		
	weight	EDA 9360C	//	Dlant 0	Annual Max	<47	F2	770
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND 150	53	770
				Dewatering Cake	Annual Mean	<53		
	Chlorobenzene	EPA 8260C	ualka dar	Plant 1	Annual Max 01/10/2023	<53 ND	140	2600
	Chlorobenzene	EPA 0200C	µg/kg dry	Dewatering Cake	Annual Mean	<140	140	2000
				Dewatering Cake	Annual Max	<140		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND ND	150	2900
		2.7.02000	mg/g a)	Dewatering Cake	Annual Mean	<150	1.00	2000
				3 -	Annual Max	<150		
	Chlorobenzene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	36	690
	wet weight		13.3	Dewatering Cake		<36		
					Annual Max	<36		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	41	770
			1 - 5	Dewatering Cake	Annual Mean	<41		
					Annual Max	<41		
	Chloroethane	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	1800	5300
				Dewatering Cake	Annual Mean	<1800		
					Annual Max	<1800		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1900	5600
				Dewatering Cake	Annual Mean	<1900		
	011 "	EDA 00000		DI	Annual Max	<1900	100	1.100
	Chloroethane wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	460	1400
	weight			Dewatering Cake	Annual Mean	<460		
		EDV 63600	ua/ka	Plant 2	Annual Max 01/10/2023	<460 ND	520	1500
		EPA 8260C	µg/kg	Dewatering Cake	Annual Mean	<520	320	1500
				Dewatering Cake	Annual Max	<520 <520		+
	Chloroform	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	500	2600
	OTHOROIGI III		pg/ng uly	Dewatering Cake	Annual Mean	<500	300	2000
				25. ratoring out	Annual Max	<500		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	520	2900
			r-aa1	Dewatering Cake	Annual Mean	<520	1,20	
					Annual Max	<520		
	Chloroform wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	130	690
	weight		L.99	Dewatering Cake	Annual Mean	<130	1,00	1-55
	J			i i i i i i i i i i i i i i i i i i i	Annual Max	<130		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	140	770
			. 5 5	Dewatering Cake	Annual Mean	<140		
				J	Annual Max	<140		
	Chloromethane	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	530	5300

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EDA 00000	um/less store	Plant 2	Annual Max	<530	560	5600
		EPA 8260C	μg/kg dry	Dewatering Cake	01/10/2023 Annual Mean	ND <560	560	5600
				Dewatering Cake	Annual Max	<560		
	Chloromethane	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	140	1400
	wet weight		ra'''a	Dewatering Cake	Annual Mean	<140	. 10	. 100
					Annual Max	<140		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	150	1500
				Dewatering Cake	Annual Mean	<150		
			<u> </u>		Annual Max	<150		
	cis-1,2-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	230	1300
	Dichloroethene			Dewatering Cake	Annual Mean	<230		
					Annual Max	<230		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	250	1500
				Dewatering Cake	Annual Mean	<250		
	aia 1 0	EDA 00000	um/les:	Dlant 4	Annual Max	<250	61	250
	cis-1,2- Dichloroethene	EPA 8260C	µg/kg	Plant 1 Dewatering Cake	01/10/2023 Annual Mean	ND <61	61	350
	wet weight			Dewatering Cake	Annual Mean Annual Max	<61 <61		
	WOL WEIGHT	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	68	390
		L. 7. 02000	Marina	Dewatering Cake	Annual Mean	<68		
				g cano	Annual Max	<68		
	cis-1,3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	1300	3200
	Dichloropropene			Dewatering Cake	Annual Mean	<1300		
				3	Annual Max	<1300		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1400	3500
				Dewatering Cake	Annual Mean	<1400		
					Annual Max	<1400		
	cis-1,3-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	330	830
	Dichloropropene			Dewatering Cake	Annual Mean	<330		
	wet weight	EDA COSOS	,	DI 10	Annual Max	<330	070	000
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	370	930
				Dewatering Cake	Annual Mean	<370		
	Dibromochlorom	EDA 83600	ua/ka day	Plant 1	Annual Max 01/10/2023	<370 ND	350	2600
	Dibromochlorome thane	LFA 0200C	μg/kg dry	Dewatering Cake	Annual Mean	<350	JJU	2000
	liane			Dewatering Cake	Annual Mean Annual Max	<350		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	370	2900
			רטייש מין	Dewatering Cake	Annual Mean	<370		
					Annual Max	<370		
	Dibromochlorome	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	92	690
	thane wet weight		_	Dewatering Cake	Annual Mean	<92		
					Annual Max	<92		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	100	770
				Dewatering Cake	Annual Mean	<100		
		<b></b>			Annual Max	<100		
	Dibromomethane	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	320	2600
				Dewatering Cake	Annual Mean	<320		-
		EPA 8260C	ualka d=:	Plant 2	Annual Max 01/10/2023	<320 ND	350	2900
		LFA 0200C	μg/kg dry	Dewatering Cake	Annual Mean	<350	JJU	2900
				Dewatering Cake	Annual Max	<350		
	Dibromomethane	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	83	690
	wet weight		רשי ייש	Dewatering Cake	Annual Mean	<83		
					Annual Max	<83		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	93	770
			1.5.5	Dewatering Cake	Annual Mean	<93		
			<u> </u>		Annual Max	<93		
	Dichlorodifluorom	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	690	5300
	ethane			Dewatering Cake	Annual Mean	<690		
					Annual Max	<690		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	750	5600
				Dewatering Cake	Annual Mean	<750		
	Diskl. 26	EDA 00000		Disast	Annual Max	<750	100	4.400
	Dichlorodifluorom	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	180	1400
	ethane wet weight			Dewatering Cake	Annual Mean	<180		
		EPA 8260C	ug/kg	Plant 2	Annual Max 01/10/2023	<180 ND	200	1500
		LFA 02000	μg/kg	Dewatering Cake	Annual Mean	<200	200	1300
				Dowalding Cake	Annual Max	<200		
	Ethylbenzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	360	2600
	_ aryiodizone	/ . 32000	Parma di y	Dewatering Cake	Annual Mean	<360		
				g cano	Annual Max	<360		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	410	2900
			15. 3 1	Dewatering Cake	Annual Mean	<410	_	
					Annual Max	<410		
	Ethylbenzene wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	94	690
	weight		1.5.5	Dewatering Cake	Annual Mean	<94		
	_		<u> </u>		Annual Max	<94		
I		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	110	770

ory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				Dewatering Cake	Annual Mean Annual Max	<110 <110		
	Hexachlorobutadi	EPA 8260C	ua/ka dn/	Plant 1	01/10/2023	ND	530	2600
	ene	EPA 6200C	μg/kg dry	Dewatering Cake	Annual Mean	<530	330	2000
	5115			Domatoring Cake	Annual Max	<530	+	
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	560	2900
			. 5 5 ,	Dewatering Cake	Annual Mean	<560		
					Annual Max	<560		
	Hexachlorobutadi	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	140	690
	ene wet weight			Dewatering Cake	Annual Mean	<140		
					Annual Max	<140		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	150	770
				Dewatering Cake	Annual Mean	<150		
		==	, .		Annual Max	<150	10000	110000
	Isobutyl alcohol	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	16000	110000
				Dewatering Cake	Annual Mean	<16000		
		EPA 8260C	μg/kg dry	Plant 2	Annual Max 01/10/2023	<16000 ND	17000	120000
		EPA 0200C	µg/kg dry	Dewatering Cake	Annual Mean	<17000	17000	120000
				Dewatering Cake	Annual Max	<17000		
	Isobutyl alcohol	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	4200	28000
	wet weight		Laa	Dewatering Cake	Annual Mean	<4200	1.200	
					Annual Max	<4200	1	
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	4600	31000
				Dewatering Cake	Annual Mean	<4600		
					Annual Max	<4600		
	Isopropylbenzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	310	2600
				Dewatering Cake	Annual Mean	<310		
					Annual Max	<310		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	340	2900
				Dewatering Cake	Annual Mean	<340		
	1"	EDA 00000		Di	Annual Max	<340	04	000
	Isopropylbenzene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	81	690
	wet weight			Dewatering Cake	Annual Mean	<81 <81	_	
		EPA 8260C	ug/ka	Plant 2	Annual Max 01/10/2023	<81 ND	90	770
		LFA 02000	µg/kg		Annual Mean	<90	90	770
				Dowalding Cake	Annual Max	<90		
		EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	840	2600
			ניש פיייפים	Dewatering Cake	Annual Mean	<840	10.0	
					Annual Max	<840	1	
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	900	2900
				Dewatering Cake	Annual Mean	<900		
					Annual Max	<900		
	m,p-Xylenes wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	220	690
	weight			Dewatering Cake	Annual Mean	<220		
					Annual Max	<220		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	240	770
				Dewatering Cake		<240		
	Mothy I - Hay I	EDA 00000	/Ic	Diant 4	Annual Max	<240	0000	24000
	Methyl ethyl ketone	EPA 8260C	μg/kg dry	Plant 1 Dewatering Cake	01/10/2023	ND <8000	8000	21000
	VEIOUE			Dewatering Cake	Annual Mean Annual Max	<8000 <8000	+	
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	8600	23000
			Parka di y	Dewatering Cake	Annual Mean	<8600	3300	23000
					Annual Max	<8600	1	
	Methyl ethyl	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	2100	5600
	ketone wet weight		•	Dewatering Cake	Annual Mean	<2100		
					Annual Max	<2100		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	2300	6200
				Dewatering Cake	Annual Mean	<2300		
					Annual Max	<2300		
	Methylene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	730	2600
	Chloride			Dewatering Cake	Annual Mean	<730		
		EDA 00000	/Ic	Diant 0	Annual Max	<730	700	2000
		EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023	ND <790	790	2900
				Dewatering Cake	Annual Mean Annual Max	<790 <790	<del>-  </del>	
	Methylene	EPA 8260C	μg/kg	Plant 1	01/10/2023	90<br ND	190	690
	Chloride wet	LI A 0200C	P9/N9	Dewatering Cake	Annual Mean	<190	130	030
	weight			Dowalding Cake	Annual Max	<190		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	210	770
		/. 32000	P9'''9	Dewatering Cake	Annual Mean	<210	210	10
					Annual Max	<210	1	
	MIBK	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND ND	6500	14000
			1.5. 5	Dewatering Cake	Annual Mean	<6500	1	
	IVIIBK EI							
					Annual Max	<6500		
		EPA 8260C	μg/kg dry	Plant 2			7100	15000
		EPA 8260C	μg/kg dry		Annual Max	<6500	7100	15000

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	MIBK wet weight	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	1700	3600
				Dewatering Cake	Annual Mean	<1700		
		EDA 00000	/1	Di+ O	Annual Max	<1700	1000	4000
		EPA 8260C	µg/kg	Plant 2 Dewatering Cake	01/10/2023 Annual Mean	ND <1900	1900	4000
				Dewatering Cake	Annual Max	<1900		
	Naphthalene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	1800	5300
	Марпилалене	EPA 0200C	µg/kg diy	Dewatering Cake	Annual Mean	<1800	1600	3300
				Dowatering Cake	Annual Max	<1800	<del>-  </del>	+
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1900	5600
		217102000	µg/ng ury	Dewatering Cake	Annual Mean	<1900	1000	0000
				2 on atoming out	Annual Max	<1900		
	Naphthalene wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	460	1400
	weight		13.3	Dewatering Cake	Annual Mean	<460		
	Ŭ				Annual Max	<460		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	520	1500
				Dewatering Cake	Annual Mean	<520		
					Annual Max	<520		
	n-Butylbenzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	840	2600
				Dewatering Cake	Annual Mean	<840		
					Annual Max	<840		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	940	2900
				Dewatering Cake	Annual Mean	<940		
					Annual Max	<940		
	n-Butylbenzene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	220	690
	wet weight			Dewatering Cake	Annual Mean	<220		
					Annual Max	<220		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	250	770
				Dewatering Cake	Annual Mean	<250		
	- ·	EDA OCCCO		DI 11	Annual Max	<250	4000	0000
	n-Propylbenzene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	1200	2600
				Dewatering Cake	Annual Mean	<1200		
		EDA 00000		Di+ C	Annual Max	<1200	4000	0000
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	1300	2900
				Dewatering Cake	Annual Mean	<1300		
	n-Propylbenzene wet weight	EDA 00000	110/150	Diant 1	Annual Max	<1300	240	600
		EPA 8260C	µg/kg	Plant 1	01/10/2023	ND <310	310	690
				Dewatering Cake	Annual Mean	<310		
		EDV 8360C	ug/kg	Plant 2	Annual Max 01/10/2023	<310 ND	340	770
		EPA 8260C	µg/kg	Dewatering Cake	01/10/2023 Annual Mean	ND <340	340	110
				Dewatering Cake	Annual Mean Annual Max	<340		
	o-Xylene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	370	1300
	0-Aylerie	L. A 02000	µg/kg ury	Dewatering Cake	Annual Mean	<370	370	1500
				Dowale my Cake	Annual Max	<370		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	410	1500
			r-aa =-13	Dewatering Cake	Annual Mean	<410	1	1.000
				.3 - 2	Annual Max	<410		
	o-Xylene wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	97	350
	weight		1.5.5	Dewatering Cake		<97		
				J =	Annual Max	<97		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	110	390
			. 5 5	Dewatering Cake	Annual Mean	<110		
					Annual Max	<110		
		EDA 00000	μg/kg dry	D1 4.4	,		420	2600
	sec-Butylbenzene	EPA 8260C	µg/itg diy	Plant 1	01/10/2023	ND	420	
	sec-Butylbenzene	EPA 8200C	µg/kg diy	Dewatering Cake	01/10/2023 Annual Mean	<420	420	
	sec-Butylbenzene	EPA 8260C	µg/kg dry	Dewatering Cake	Annual Mean Annual Max	<420 <420	420	2500
	sec-Butylbenzene	EPA 8260C	μg/kg dry	Dewatering Cake Plant 2	Annual Mean Annual Max 01/10/2023	<420 <420 ND	450	2900
	sec-Butylbenzene			Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean	<420 <420 ND <450		
	,	EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450	450	2900
	sec-Butylbenzene	EPA 8260C		Plant 2 Dewatering Cake Plant 1 Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<420 <420 ND <450 <450 ND		
	,	EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<420 <420 ND <450 <450 ND <110	450	2900
	sec-Butylbenzene	EPA 8260C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110	450	2900
	sec-Butylbenzene	EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Plant 2  Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<420 <420 ND <450 <450 ND <410 ND <110 ND <110 ND	450	2900
	sec-Butylbenzene	EPA 8260C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 ND <110 <110 ND <120	450	2900
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <120 <120	450 110 120	2900 690 770
	sec-Butylbenzene	EPA 8260C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<420 <420 ND <450 <450 ND <110 <110 ND <120 ND <120 ND	450	2900
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <120 ND <120 ND <1500	450 110 120	2900 690 770
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Mean Annual Max Annual Max Annual Max Annual Max Annual Mean Annual Mean Annual Mean	<420 <420 ND <450 <450 ND <110 <110 ND <120 <120 <1500 <1500	110 120 1500	2900 690 770
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<420 <420 ND <450 <450 ND <110 <110 ND <1120 ND <120 <1500 ND ND <nd <<="" <nd="" td=""><td>450 110 120</td><td>2900 690 770</td></nd>	450 110 120	2900 690 770
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <120 <120 <120 ND <1500 ND <1500 ND <1500 ND	110 120 1500	2900 690 770
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <4450 <4450 ND <4110 <110 ND <120 <120 <120 ND <1500 ND <1600 <1600	110 120 1500	2900 690 770 3200
	sec-Butylbenzene wet weight  Styrene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <120 <120 ND <1500 <1500 ND <1600 <1600 ND	110 120 1500	2900 690 770
	sec-Butylbenzene wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<420 <420 ND <450 ND <450 ND <110 <110 ND <120 ND <1500 ND <1500 ND <1600 ND <1600 ND <380	110 120 1500	2900 690 770 3200
	sec-Butylbenzene wet weight  Styrene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Max Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <1120 <120 ND <1500 ND <1600 ND <1600 ND <380 <380	110 120 1500 1600	2900 690 770 3200 3500
	sec-Butylbenzene wet weight  Styrene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg dry  μg/kg  μg/kg  μg/kg dry  μg/kg dry	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <1120 <120 <1500 ND <1600 ND <1600 ND <1600 ND <1600 ND ND <380 <380 ND	110 120 1500	2900 690 770 3200
	sec-Butylbenzene wet weight  Styrene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <4110 ND <110 ND <110 ND <120 <120 ND <1500 ND <1600 ND <1600 ND <4600 ND <380 ND <420 ND <420	110 120 1500 1600	2900 690 770 3200 3500
	sec-Butylbenzene wet weight  Styrene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	µg/kg dry  µg/kg  µg/kg  µg/kg dry  µg/kg dry  µg/kg	Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<420 <420 ND <450 <450 ND <110 <110 ND <1120 <120 <1500 ND <1600 ND <1600 ND <1600 ND <1600 ND ND <380 <380 ND	110 120 1500 1600	2900 690 770 3200 3500

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8260C	μg/kg dry	Plant 2	Annual Max 01/10/2023	<300 ND	330	2900
		EPA 0200C	µg/kg dry	Dewatering Cake	Annual Mean	<330	330	2900
	ļ ļ			Dewatering Cake	Annual Max	<330		
	tert-Butylbenzene	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	78	690
	wet weight	LFA 0200C	µg/kg	Dewatering Cake	Annual Mean	<78	70	090
	wet weight			Dewatering Cake	Annual Max	<78		
		EPA 8260C	ua/ka	Plant 2	01/10/2023	ND	87	770
		EFA 6200C	µg/kg			<87	01	110
				Dewatering Cake	Annual Mean Annual Max	<87 <87		
	T - 4  -   4	EDA 00000		Plant 1			000	0000
	Tetrachloroethene	EPA 8200C	μg/kg dry		01/10/2023	ND	290	2600
				Dewatering Cake	Annual Mean	<290		
		EDA 00000		DI 10	Annual Max	<290	040	0000
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	310	2900
				Dewatering Cake	Annual Mean	<310		
					Annual Max	<310		
	Tetrachloroethene	EPA 8260C	µg/kg	Plant 1	01/10/2023	ND	75	690
	wet weight			Dewatering Cake	Annual Mean	<75		
					Annual Max	<75		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	84	770
				Dewatering Cake	Annual Mean	<84		
					Annual Max	<84		
	Toluene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	420	2600
				Dewatering Cake	Annual Mean	<420		
					Annual Max	<420		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	450	2900
			. 5 5 .,	Dewatering Cake	Annual Mean	<450		
					Annual Max	<450		
	Toluene wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	110	690
	weight	, . 52550	r9'''9	Dewatering Cake	Annual Mean	<110	1.10	000
	weight			Dewatering Cake	Annual Max	<110		
		EPA 8260C	ua/ka	Plant 2	01/10/2023	ND	120	770
	ļ ļ	EPA 8200C	µg/kg				120	770
				Dewatering Cake	Annual Mean	<120		
					Annual Max	<120		
	Dichloroethene	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	460	1300
				Dewatering Cake	Annual Mean	<460		
					Annual Max	<460		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	520	1500
	ļ ļ			Dewatering Cake	Annual Mean	<520		
					Annual Max	<520		
	trans-1,2-	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	120	350
	Dichloroethene			Dewatering Cake	Annual Mean	<120		
	wet weight				Annual Max	<120		
	ļ ļ	EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	140	390
	ļ ļ			Dewatering Cake	Annual Mean	<140		
	ļ ļ				Annual Max	<140		
	trans-1,3-	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	1900	4200
	Dichloropropene		100,	Dewatering Cake	Annual Mean	<1900		
				· ·	Annual Max	<1900		
							1	
		EPA 8260C	ug/ka drv	Plant 2			2100	4500
		EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023	ND	2100	4500
		EPA 8260C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023 Annual Mean	ND <2100	2100	4500
				Dewatering Cake	01/10/2023 Annual Mean Annual Max	ND <2100 <2100		
	trans-1,3-	EPA 8260C	µg/kg dry	Dewatering Cake Plant 1	01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND	2100 500	4500 1100
	trans-1,3- Dichloropropene			Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	ND <2100 <2100 ND <500		
	trans-1,3-	EPA 8260C	μg/kg	Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 <500	500	1100
	trans-1,3- Dichloropropene			Plant 1 Dewatering Cake Plant 2	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND <500 <500 ND		
	trans-1,3- Dichloropropene	EPA 8260C	μg/kg	Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	ND <2100 <2100 ND <500 ND <560 ND <560	500	1100
	trans-1,3- Dichloropropene wet weight	EPA 8260C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean	ND <2100 <2100 ND <500 ND <560 <560	500	1100
	trans-1,3- Dichloropropene	EPA 8260C	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND <500 <500 <560 ND <560 ND	500	1100
	trans-1,3- Dichloropropene wet weight	EPA 8260C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	ND <2100 <2100 ND <500 <500 ND <560 ND <560 ND <2500 <5400 ND <240 ND <240 ND <240 ND ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240 ND <240	500	1100
	trans-1,3- Dichloropropene wet weight	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Max	ND <2100 <2100 ND <500 ND <560 ND <560 ND <260 ND <240 ND <240 <240 <240	500 560 240	1100 1200 2600
	trans-1,3- Dichloropropene wet weight	EPA 8260C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND <500 ND <560 ND <560 ND <560 ND <560 ND <560 ND <5240 ND <240 ND <240 ND ND <	500	1100
	trans-1,3- Dichloropropene wet weight	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 ND <560 ND <560 ND <240 ND <240 ND <2240 ND <270	500 560 240	1100 1200 2600
	trans-1,3- Dichloropropene wet weight  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 ND <560 <560 ND <240 <240 <240 ND <270 <270	500 560 240 270	1100 1200 2600
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND <500 ND <560 ND <240 ND <2500 ND <2500 ND <240 ND <2240 ND <270 ND ND <270 ND <270 ND <270 ND <270 ND <270 ND <270 ND <270 ND ND <270 ND ND <270 ND ND ND ND ND ND ND ND ND ND ND ND ND	500 560 240	1100 1200 2600
	trans-1,3- Dichloropropene wet weight  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 ND <560 ND <240 ND <2500 ND <2500 ND <240 ND <2240 <2240 ND <270 ND <270 ND <270 ND <270 ND <270 ND <270 ND <264 ND <264 ND <270 ND <270 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <464 ND <46	500 560 240 270	1100 1200 2600
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 <500 ND <560 ND <240 ND <2500 ND <2500 ND <2500 ND <270 ND <270 ND <270 <270 ND <470 ND <470 ND <470 ND <470 ND <464 <64	500 560 240 270	1100 1200 2600 2900
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 ND <560 ND <560 ND <240 <240 <240 <240 ND <270 <270 ND <64 April 10 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <464 April 10 ND <464 ND ND ND <464 ND	500 560 240 270	1100 1200 2600 2900
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 ND <560 ND <240 <240 <240 <240 <240 ND <470 ND <464 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <471 ND <4	500 560 240 270	1100 1200 2600 2900
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 ND <500 ND <560 ND <560 ND <240 <240 <240 <240 ND <270 <270 ND <64 April 10 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <470 ND <464 April 10 ND <464 ND ND ND <464 ND	500 560 240 270	1100 1200 2600 2900 690
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 ND <560 <560 ND <240 <240 <2240 <2240 ND <64 <64 <64 ND <564 ND <71 <71 <71 <71	500 560 240 270 64	1100 1200 2600 2900 690
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	ND <2100 <2100 ND <500 ND <560 ND <2240 ND <240 ND <560 ND <240 <240 ND <270 <270 ND <771 ND <64 ND <65 ND <65 ND <65 ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND ND ND ND ND ND ND ND ND ND ND ND	500 560 240 270	1100 1200 2600 2900 690
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 ND <560 ND <240 ND <240 ND <240 ND <270 ND <270 ND <271 ND <64 ND <71 ND <564 ND <71 ND <71 ND <71 ND <71 ND <71 ND <530 ND <71 ND <530 ND <71 ND <71 ND <71 ND <71 ND <71 ND <530 ND <530 ND <	500 560 240 270 64	1100 1200 2600 2900 690
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 <500 ND <560 ND <240 ND <240 ND <240 ND <270 <270 ND <64 ND <271 ND <65 ND <65 ND <65 ND <65 ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <65 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND <55 ND ND ND ND ND ND ND ND ND ND ND ND ND	500 560 240 270 64 71	1100 1200 2600 2900 690 770
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 ND <500 <500 ND <560 ND <240 <240 <240 <240 <240 <270 <270 ND <71 <71 ND <64 <64 ND <71 <71 ND <530 <530 ND <71 <71 ND <530 ND <71 <71 ND <71 ND <500 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND <71 ND ND <71 ND ND <71 ND ND <71 ND ND <71 ND ND ND ND ND ND ND ND ND ND ND ND ND	500 560 240 270 64	1100 1200 2600 2900 690
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 <2100 <2100 <500 <500 <500 <500 <500 <560 <560 <5	500 560 240 270 64 71	1100 1200 2600 2900 690 770
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet hane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg  μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 <2100 <2100 <500 <500 <500 <500 <560 <560 <560 <5	500 560 240 270 64 71 530	1100 1200 2600 2900 690 770 5300
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet hane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg μg/kg dry μg/kg dry μg/kg dry μg/kg μg/kg μg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND	500 560 240 270 64 71	1100 1200 2600 2900 690 770
	trans-1,3- Dichloropropene wet weight  Trichloroethene  Trichloroethene wet weight  Trichlorofluoromet hane	EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C  EPA 8260C	μg/kg  μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg  μg/kg  μg/kg dry	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	ND <2100 <2100 <2100 <2100 <2100 <500 <500 <500 <500 <560 <560 <560 <5	500 560 240 270 64 71 530	1100 1200 2600 2900 690 770 5300

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				Dewatering Cake	Annual Mean	<150		
					Annual Max	<150		
	Vinyl chloride	EPA 8260C	μg/kg dry	Plant 1	01/10/2023	ND	290	5300
				Dewatering Cake	Annual Mean	<290		
					Annual Max	<290		
		EPA 8260C	μg/kg dry	Plant 2	01/10/2023	ND	310	5600
				Dewatering Cake	Annual Mean	<310		
				_	Annual Max	<310		
	Vinyl chloride wet	EPA 8260C	μg/kg	Plant 1	01/10/2023	ND	75	1400
	weight		1-3/3	Dewatering Cake	Annual Mean	<75		
				2 on atoming canto	Annual Max	<75		
		EPA 8260C	μg/kg	Plant 2	01/10/2023	ND	84	1500
		LI A 0200C	µg/kg	Dewatering Cake	Annual Mean	<84	04	1300
				Dewatering Cake	Annual Max	<84		
0: \/-1-4:1-	4.0.4	EDA 00700		DI4.4			45000	50000
Semi-Volatile	1,2,4-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000 7200	50000
Organic	Trichlorobenzene			Dewatering Cake	03/07/2023	ND		40000
Compounds					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	6300	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	1,2,4-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	Trichlorobenzene		r-59	Dewatering Cake	03/07/2023	ND	1800	10000
	wet weight			Somatoning Cake	04/04/2023	ND	2900	9000
					05/02/2023	ND	1400	4500
						<4000	1400	4500
					Annual Mean			
		EDA 00700		DI 10	Annual Max	<4000	0000	10000
		EPA 8270C	µg/kg	Plant 2	01/10/2023	ND	3900	12000
				Dewatering Cake	03/07/2023	ND	1800	10000
					04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6600		
					Annual Max	<6600		
	1,2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	95000
	Dichlorobenzene			Dewatering Cake	03/07/2023	ND	6000	40000
					04/04/2023	ND	11000	71000
					05/02/2023	ND	5800	38000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	94000
		217102700	pg/kg dry	Dewatering Cake	03/07/2023	ND	5200	35000
				Dowatoring Care	04/04/2023	ND	23000	150000
					05/02/2023	ND	4900	33000
					Annual Mean	<23000	4900	33000
	4.0	EDA 00700	//	DI	Annual Max	<23000	2000	05000
	1,2-	EPA 8270C	µg/kg	Plant 1	01/10/2023	ND	3800	25000
	Dichlorobenzene			Dewatering Cake	03/07/2023	ND	1500	10000
	wet weight				04/04/2023	ND	2700	18000
					05/02/2023	ND	1400	9100
					Annual Mean	<3800		
					Annual Max	<3800	1	
		EPA 8270C	µg/kg	Plant 2	01/10/2023	ND	3800	25000
				Dewatering Cake	03/07/2023	ND	1500	10000
					04/04/2023	ND	6400	42000
					05/02/2023	ND	1300	8800
					Annual Mean	<6400	<u> </u>	
					Annual Max	<6400		
	1,3-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	27000	50000
	Dichlorobenzene		, ,	Dewatering Cake	03/07/2023	ND	5600	40000
				3	04/04/2023	ND	20000	36000
					05/02/2023	ND	11000	19000
					Annual Mean	<27000	7.1000	
					Annual Max	<27000	+	1
		EPA 8270C	ua/ka dar	Plant 2	01/10/2023	ND	27000	45000
		EFA 02/00	μg/kg dry					
				Dewatering Cake	03/07/2023	ND	4900	35000
					04/04/2023	ND	44000	77000
	1				05/02/2023	ND	9500	17000
			1		Annual Mean	<44000		
						<44000	1	1
					Annual Max			
	1,3-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	7100	13000
	1,3- Dichlorobenzene	EPA 8270C	μg/kg	Plant 1 Dewatering Cake			7100 1400	13000 10000
	1 '	EPA 8270C	µg/kg		01/10/2023	ND		
	Dichlorobenzene	EPA 8270C	µg/kg		01/10/2023 03/07/2023 04/04/2023	ND ND ND	1400 5100	10000 9000
	Dichlorobenzene	EPA 8270C	μg/kg		01/10/2023 03/07/2023	ND ND	1400	10000

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	7100	12000
				Dewatering Cake	03/07/2023	ND	1400	10000
				3 -	04/04/2023	ND	12000	21000
					05/02/2023	ND	2500	4400
					Annual Mean	<12000		
					Annual Max	<12000		
	1,4-	EPA 8270C	ua/ka dn/	Plant 1	01/10/2023	ND	27000	50000
		EPA 02/00	μg/kg dry					
	Dichlorobenzene			Dewatering Cake	03/07/2023	ND	5600	40000
					04/04/2023	ND	20000	36000
					05/02/2023	ND	10000	19000
							10000	19000
					Annual Mean	<27000		
					Annual Max	<27000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	26000	45000
		LI A 02/00	µg/kg diy					
				Dewatering Cake	03/07/2023	ND	4900	35000
					04/04/2023	ND	44000	77000
					05/02/2023	ND	9500	17000
							9300	17000
					Annual Mean	<44000		
					Annual Max	<44000		
	1,4-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	7000	13000
	· '	LI A 02/00	P9/N9					
	Dichlorobenzene			Dewatering Cake	03/07/2023	ND	1400	10000
	wet weight				04/04/2023	ND	5100	9000
					05/02/2023	ND	2500	4500
							2000	7000
					Annual Mean	<7000		
					Annual Max	<7000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	7000	12000
		LI 7 02/00	H9/N9					
				Dewatering Cake	03/07/2023	ND	1400	10000
					04/04/2023	ND	12000	21000
					05/02/2023	ND	2500	4400
							2000	4400
					Annual Mean	<12000		
					Annual Max	<12000		
	2,4,5-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND ND	15000	50000
		LI 7 02/00	pg/kg uly					
	Trichlorophenol			Dewatering Cake	03/07/2023	ND	5600	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	6200	19000
							0200	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EDA 00700	/lear -l	Diamt 2			15000	45000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	4900	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	0.4.5	EDA 00700	P	Dia. 1.4			4000	40000
	2,4,5-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	Trichlorophenol			Dewatering Cake	03/07/2023	ND	1400	10000
	wet weight				04/04/2023	ND	2900	9000
	wet weight							
					05/02/2023	ND	1500	4500
					Annual Mean	<4000		
					Annual Max	<4000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4000	12000
			1.5.5			ND	1400	10000
				Dowalding Cake				
					04/04/2023	ND	6700	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6700		
					Annual Max	<6700		
								50000
	2,4,6-	EPA 8270C	μg/kg dry	Plant 1		ND	19000	100000
		EPA 8270C	μg/kg dry		01/10/2023	ND		
	2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1 Dewatering Cake	01/10/2023 03/07/2023	ND ND	6400	40000
		EPA 8270C	μg/kg dry		01/10/2023 03/07/2023 04/04/2023	ND ND ND	6400 14000	40000 36000
		EPA 8270C	μg/kg dry		01/10/2023 03/07/2023	ND ND	6400	40000
		EPA 8270C	μg/kg dry		01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND ND	6400 14000	40000 36000
		EPA 8270C	μg/kg dry		01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND ND <19000	6400 14000	40000 36000
				Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND ND <19000 <19000	6400 14000 7400	40000 36000 19000
		EPA 8270C			01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND ND <19000	6400 14000	40000 36000
			μg/kg dry	Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND ND <19000 <19000 ND	6400 14000 7400 18000	40000 36000 19000 45000
				Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND ND <19000 <19000 ND ND	6400 14000 7400 18000 5600	40000 36000 19000 45000 35000
				Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND ND <19000 <19000 ND ND ND	6400 14000 7400 18000 5600 30000	40000 36000 19000 45000 35000 77000
				Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND ND <19000 <19000 ND ND	6400 14000 7400 18000 5600	40000 36000 19000 45000 35000
				Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <19000 <19000 ND ND ND ND ND	6400 14000 7400 18000 5600 30000	40000 36000 19000 45000 35000 77000
				Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <19000 <19000 ND ND ND ND ND ND S30000	6400 14000 7400 18000 5600 30000	40000 36000 19000 45000 35000 77000
		EPA 8270C		Dewatering Cake  Plant 2	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean	ND ND ND <19000 <19000 ND ND ND ND ND	6400 14000 7400 18000 5600 30000	40000 36000 19000 45000 35000 77000
	Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean	ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND S30000 <30000	6400 14000 7400 18000 5600 30000 6500	40000 36000 19000 45000 35000 77000 17000
	Trichlorophenol			Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500	40000 36000 19000 45000 35000 77000 17000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600	40000 36000 19000 45000 35000 77000 17000
	Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600	40000 36000 19000 45000 35000 77000 17000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 05/02/2023	ND ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600	40000 36000 19000 45000 35000 77000 17000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND <30000 <30000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	ND ND ND <19000 <19000 ND ND ND ND ND ND ND ND ND ND ND ND ND	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 OFFICE OFFICE ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000	
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 O5/02/2023 O5/02/2023 O1/10/2023 O1/10/2023 O3/07/2023 O1/10/2023 O3/07/2023	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600 8300	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000 21000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 OFFICE OFFICE ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000	
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 05/02/2023 05/02/2023 05/02/2023 05/02/2023 05/02/2023 05/02/2023	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600 8300	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000 21000
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600 8300	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000 21000
	Z,4,6- Trichlorophenol wet weight	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 O3/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600 8300	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000 21000 4400
	Trichlorophenol  2,4,6- Trichlorophenol	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND ND ND ND ND ND ND ND ND ND ND N	6400 14000 7400 18000 5600 30000 6500 5000 1600 3600 1800 4900 1600 8300	40000 36000 19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000 21000

itegory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EDA 92700	ua/ka day	Plant 2	01/10/2023		15000	45000
		EPA 8270C	μg/kg dry			ND	15000	
				Dewatering Cake	03/07/2023	ND	7300	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000	0000	11.000
					Annual Max	<24000		
	2,4-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	13000
	Dichlorophenol			<b>Dewatering Cake</b>	03/07/2023	ND	2100	10000
	wet weight				04/04/2023	ND	2800	9000
	g				05/02/2023	ND	1400	4500
							1400	4300
					Annual Mean	<3900		
					Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
			100	Dewatering Cake	03/07/2023	ND	2100	10000
				2 omatoring canto	04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6600		L
					Annual Max	<6600		
	2,4-	EPA 8270C	μg/kg dry	Plant 1	03/07/2023	ND	3700	40000
	Dimethylphenol		pg/kg ury		04/04/2023	ND	11000	36000
	וווים etnyipnenoi			Dewatering Cake				
					05/02/2023	ND	5800	19000
					Annual Mean	<11000		
					Annual Max	<11000		
		EPA 8270C	ua/ka day	Plant 2	03/07/2023		3200	35000
		LFA 02/00	μg/kg dry			ND	3200	35000
				Dewatering Cake	04/04/2023	ND	23000	77000
					05/02/2023	ND	4900	17000
					Annual Mean	<23000		
					Annual Max	<23000		
	2.4	EDA 00700	//	Plant 1	03/07/2023		010	10000
	Dimethylphenol wet weight	EPA 8270C	μg/kg			ND	910	
				Dewatering Cake	04/04/2023	ND	2700	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<2700		
					Annual Max	<2700		
		==		51			2.12	10000
		EPA 8270C	μg/kg	Plant 2	03/07/2023	ND	910	10000
				Dewatering Cake	04/04/2023	ND	6300	21000
					05/02/2023	ND	1300	4400
					Annual Mean	<6300		
					Annual Max	<6300		
	2,4-Dinitrophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	130000	500000
				Dewatering Cake	03/07/2023	ND	130000	160000
					04/04/2023	ND	99000	360000
					05/02/2023	ND	50000	190000
							30000	190000
					Annual Mean	<130000		
					Annual Max	<130000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	130000	450000
			1 5 5 7	Dewatering Cake		ND	110000	140000
				Dowatering Cake				
					04/04/2023	ND	210000	770000
					05/02/2023	ND	46000	170000
					Annual Mean	<210000		
					Annual Max	<210000		
	2,4-Dinitrophenol	EDA 92700	ualka	Plant 1			34000	130000
		EPA 8270C	μg/kg		01/10/2023	ND	34000	
	wet weight			Dewatering Cake	03/07/2023	ND	32000	40000
					04/04/2023	ND	25000	90000
					05/02/2023	ND	12000	45000
					Annual Mean	<34000		
					Annual Max	<34000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	34000	120000
				Dewatering Cake	03/07/2023	ND	32000	40000
					04/04/2023	ND	57000	210000
					05/02/2023	ND	12000	44000
							12000	44000
					Annual Mean	<57000		
					Annual Max	<57000		
	2,4-Dinitrotoluene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	1400	3800
			F-33 4-1	Dewatering Cake	03/07/2023	ND	8400	40000
				Dowatering Cake				
					05/02/2023	ND	7000	19000
					Annual Mean	<8400		
					Annual Max	<8400		
		EDA 00700	المرادم طر	Diant 2			1200	2700
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	1300	3700
				Dewatering Cake	03/07/2023	ND	7300	35000
					05/02/2023	ND	6100	17000
					Annual Mean	<7300	0.100	1.7000
					Annual Max	<7300		
	2,4-Dinitrotoluene	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	360	1000
	wet weight	- /-	. 5 5	Dewatering Cake	03/07/2023	ND	2100	10000
	Wor Worgint			Dowalding Cake				
			1		05/02/2023	ND	1700	4500
					Annual Mean	<2100		

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EDA 00700		Dies t 0	Annual Max	<2100	200	4000
		EPA 8270C	µg/kg	Plant 2	01/10/2023	ND	360	1000
				Dewatering Cake	03/07/2023	ND	2100	10000
					05/02/2023	ND	1600	4400
					Annual Mean	<2100		
					Annual Max	<2100		
	2,6-Dinitrotoluene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
				Dewatering Cake	03/07/2023	ND	4800	40000
					04/04/2023	ND	13000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
				Dewatering Cake	03/07/2023	ND	4200	35000
					04/04/2023	ND	27000	77000
					05/02/2023	ND	6100	17000
					Annual Mean	<27000		
					Annual Max	<27000		
	2,6-Dinitrotoluene	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4500	13000
	wet weight	Li 7(02/00	pg/kg	Dewatering Cake	03/07/2023	ND	1200	10000
	wet weight			Dewatering Cake	04/04/2023	ND	3200	9000
					05/02/2023	ND ND	1600	4500
							1000	4300
					Annual Mean	<4500		
		EDA 6075		DI 10	Annual Max	<4500	4.00	10000
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4400	12000
				Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	7500	21000
					05/02/2023	ND	1600	4400
					Annual Mean	<7500		
					Annual Max	<7500		
	2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
	Chloronaphthalen			Dewatering Cake	03/07/2023	ND	4400	40000
	e				04/04/2023	ND	12000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<17000		1.0000
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
		LFA 02/0C	µg/kg diy	Dewatering Cake	03/07/2023	ND	3800	35000
				Dewatering Cake		ND	27000	77000
					04/04/2023			
					05/02/2023	ND	5700	17000
					Annual Mean	<27000		
					Annual Max	<27000		
	2-	EPA 8270C	µg/kg	Plant 1	01/10/2023	ND	4400	13000
	Chloronaphthalen			Dewatering Cake	03/07/2023	ND	1100	10000
	e wet weight				04/04/2023	ND	3100	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4400		
					Annual Max	<4400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4300	12000
				Dewatering Cake	03/07/2023	ND	1100	10000
					04/04/2023	ND	7300	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<7300		. 100
					Annual Max	<7300		
	2-Chlorophenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	26000	50000
	2-0111010p11e1101	LI A 02/00	pg/kg ury	Dewatering Cake	03/07/2023	ND ND	8000	40000
				Dowatering Cake	04/04/2023	ND ND	19000	36000
						ND	10000	19000
					05/02/2023		10000	19000
					Annual Mean	<26000		
		<b>ED</b> 4 65=5 5			Annual Max	<26000		15
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	25000	45000
				Dewatering Cake	03/07/2023	ND	7000	35000
					04/04/2023	ND	40000	77000
					05/02/2023	ND	9100	17000
					Annual Mean	<40000		
					Annual Max	<40000		
	2-Chlorophenol	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	6800	13000
	wet weight		. 5 5	Dewatering Cake	03/07/2023	ND	2000	10000
				1.3 5 = 1.40	04/04/2023	ND	4900	9000
					05/02/2023	ND	2500	4500
					Annual Mean	<6800	2000	1500
		EDA 00700		Dier t O	Annual Max	<6800	6000	10000
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	6800	12000
				Dewatering Cake	03/07/2023	ND	2000	10000
					04/04/2023	ND	11000	21000
					05/02/2023	ND	2400	4400
					Annual Mean	<11000		
			i i	i i				
					Annual Max	<11000		
	2-	EPA 8270C	μg/kg dry	Plant 1	Annual Max 01/10/2023	<11000 ND	13000	95000

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	е				04/04/2023	ND	9900	71000
					05/02/2023	ND	5400	38000
					Annual Mean	<13000		
					Annual Max	<13000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	13000	94000
		EPA 02/00	µg/kg ury					
				Dewatering Cake	03/07/2023	ND	3800	35000
					04/04/2023	ND	21000	150000
					05/02/2023	ND	4600	33000
					Annual Mean	<21000		
						<21000		
	-				Annual Max			
	2-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3500	25000
	Methylnaphthalen			Dewatering Cake	03/07/2023	ND	1100	10000
	e wet weight				04/04/2023	ND	2500	18000
	- ··-···g···				05/02/2023	ND	1300	9100
							1300	9100
					Annual Mean	<3500		
					Annual Max	<3500		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3500	25000
		2.7.02.00	ma/a	Dewatering Cake	03/07/2023	ND	1100	10000
				Dewatering Cake				
					04/04/2023	ND	5800	
					05/02/2023	ND	1200	8800
					Annual Mean	<5800		
					Annual Max	<5800		
	O Mathedalas	EDA 00700		Dlant 1			15000	E0000
	2-Methylphenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	
				Dewatering Cake	03/07/2023	ND	7600	
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	
							5000	13000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
			1 5 5 7	Dewatering Cake	03/07/2023	ND	6600	
				Dewatering Cake				
					04/04/2023	ND	24000	
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	2-Methylphenol	EPA 8270C	ualka	Plant 1	01/10/2023	ND	3900	12000
	wet weight	EPA 62/00	μg/kg					
				Dewatering Cake	03/07/2023	ND	1900	42000 8800 50000 40000 36000 19000 45000 17000 17000 13000 10000 9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
					04/04/2023	ND	2800	
					05/02/2023	ND	1400	
					Annual Mean	<3900		1.222
					Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
				Dewatering Cake	03/07/2023	ND	1900	10000
					04/04/2023	ND	6500	
						ND		
					05/02/2023		1400	4400
					Annual Mean	<6500		
					Annual Max	<6500		
	2-Nitroaniline	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	14000	50000
	2-Milloaniiille	LI A 02700	µg/kg diy					
				Dewatering Cake	03/07/2023	ND	5200	
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<14000		
							+	
			-		Annual Max	<14000	<del> </del>	
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	
				Dewatering Cake	03/07/2023	ND	4500	35000
					04/04/2023	ND	23000	77000
					05/02/2023	ND	4900	17000
	1	I			Annual Mean		4900	17000
			1	1		<23000		
							1	
					Annual Max	<23000		
	2-Nitroaniline wet	EPA 8270C	μg/kg	Plant 1	Annual Max		3700	13000
		EPA 8270C	µg/kg		Annual Max 01/10/2023	<23000 ND		
	2-Nitroaniline wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake	Annual Max 01/10/2023 03/07/2023	<23000 ND ND	1300	10000
		EPA 8270C	μg/kg		Annual Max 01/10/2023 03/07/2023 04/04/2023	<23000 ND ND ND	1300 2700	10000 9000
		EPA 8270C	μg/kg		Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	<23000 ND ND ND ND ND	1300	10000
		EPA 8270C	µg/kg		Annual Max 01/10/2023 03/07/2023 04/04/2023	<23000 ND ND ND	1300 2700	10000 9000
		EPA 8270C	µg/kg		Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	<23000 ND ND ND ND ND ND <3700	1300 2700	10000 9000
				Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND ND <3700 <3700	1300 2700 1400	10000 9000 4500
		EPA 8270C	μg/kg μg/kg	Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<23000 ND ND ND ND ND <3700 <3700 ND	1300 2700 1400 3700	10000 9000 4500 12000
				Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<23000 ND ND ND ND ND <3700 <3700 ND ND ND	1300 2700 1400 3700 1300	10000 9000 4500 12000 10000
				Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<23000 ND ND ND ND ND <3700 <3700 ND	1300 2700 1400 3700 1300	10000 9000 4500 12000
				Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<23000  ND  ND  ND  ND  ND  S3700  <3700  ND  ND  ND  ND  ND  ND  ND  ND  ND	1300 2700 1400 3700 1300 6300	10000 9000 4500 12000 10000 21000
				Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	<23000  ND  ND  ND  ND  S3700  <3700  ND  ND  ND  ND  ND  ND  ND  ND  ND	1300 2700 1400 3700 1300	10000 9000 4500 12000 10000
				Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean	<23000  ND  ND  ND  ND  <3700  <3700  ND  ND  ND  ND  ND  ND  ND  ND  ND	1300 2700 1400 3700 1300 6300	10000 9000 4500 12000 10000 21000
				Dewatering Cake Plant 2	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Mean Annual Max	<23000 ND ND ND ND ND ND S3700 <3700 ND ND ND ND ND ND S46300 <6300	1300 2700 1400 3700 1300 6300 1300	10000 9000 4500 12000 10000 21000 4400
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Mean Annual Max	<23000 ND ND ND ND ND ND S3700 <3700 ND ND ND ND ND ND S46300 <6300	1300 2700 1400 3700 1300 6300 1300	10000 9000 4500 12000 10000 21000 4400
				Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND ND <3700 <3700 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000	10000 9000 4500 12000 10000 21000 4400
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<23000 ND ND ND ND ND ND ND ND S3700 S3700 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800	10000 9000 4500 12000 10000 21000 4400 50000 40000
	weight	EPA 8270C	µg/kg	Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<23000  ND  ND  ND  ND  ND  ND  S3700  S3700  ND  ND  ND  ND  ND  ND  ND  ND  ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000	10000 9000 4500 12000 10000 21000 4400
	weight	EPA 8270C	µg/kg	Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<23000  ND  ND  ND  ND  ND  ND  S3700  S3700  ND  ND  ND  ND  ND  ND  ND  ND  ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000
	weight	EPA 8270C	µg/kg	Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023	<23000 ND ND ND ND ND ND S3700 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800	10000 9000 4500 12000 10000 21000 4400 50000 40000
	weight	EPA 8270C	µg/kg	Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND S3700 S3700 ND ND ND ND ND ND ND ND ND ND ND ND S6300 S6300 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND S3700 S3700 ND ND ND ND ND ND ND ND ND ND ND S6300 S6300 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000 14000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
	weight	EPA 8270C	µg/kg	Plant 1	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND S3700 S3700 ND ND ND ND ND ND ND ND ND ND ND ND S6300 S6300 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 04/04/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND <3700 <3700 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000 14000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max	<23000 ND ND ND ND ND S3700 S3700 ND ND ND ND ND ND ND ND ND ND ND S6300 S6300 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2700 1400 3700 1300 6300 1300 35000 8800 26000 14000	10000 9000 4500 12000 10000 21000 4400 50000 40000 36000 19000

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean Annual Max	<58000 <58000		
	2-Nitrophenol wet	FPA 8270C	μg/kg	Plant 1	01/10/2023	ND	9300	13000
	weight	2.7.02.00	Marka	Dewatering Cake	03/07/2023	ND	2200	10000
	1				04/04/2023	ND	6700	9000
					05/02/2023	ND	3400	4500
					Annual Mean	<9300		
					Annual Max	<9300		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	9300	12000
			100	Dewatering Cake	03/07/2023	ND	2200	10000
					04/04/2023	ND	16000	21000
					05/02/2023	ND	3300	4400
					Annual Mean	<16000		
					Annual Max	<16000		
	3&4-Methylphenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	14000	95000
				Dewatering Cake	03/07/2023	ND	17000	80000
					04/04/2023	ND	11000	71000
					05/02/2023	ND	5800	38000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	94000
				Dewatering Cake	03/07/2023	ND	15000	70000
					04/04/2023	ND	23000	150000
					05/02/2023	22000 DNQ	4900	33000
					Annual Mean	18000 DNQ		
	00454 (1	EDA 20700		Dia. ( 4	Annual Max	22000 DNQ	0700	05000
	3&4-Methylphenol	EPA 82/0C	μg/kg	Plant 1	01/10/2023	ND	3700	25000
	wet weight			Dewatering Cake	03/07/2023	ND	4300	20000
					04/04/2023	ND	2700	18000
					05/02/2023	ND	1400	9100
					Annual Mean	<4300 <4300		
		EDA 0270C	//	Dlant 0	Annual Max 01/10/2023		3700	25000
		EPA 8270C	µg/kg	Plant 2	03/07/2023	ND ND	4300	20000
				Dewatering Cake		ND ND	6200	42000
					04/04/2023 05/02/2023		1300	8800
					Annual Mean	5900 DNQ 5000 DNQ	1300	0000
	3,3- E				Annual Max	5900 DNQ		
		EPA 8270C	ua/ka day	Plant 1	01/10/2023	ND	13000	50000
	Dichlorobenzidine	EFA 02/0C	μg/kg dry	Dewatering Cake	04/04/2023	ND	9900	36000
	Dicinioroperizidirie			Dewatering Cake	05/02/2023	ND	5000	19000
					Annual Mean	<13000	3000	19000
					Annual Max	<13000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	13000	45000
		LI 7 02700	µg/kg diy	Dewatering Cake	04/04/2023	ND	21000	77000
				Domaiog Cano	05/02/2023	ND	4600	17000
					Annual Mean	<21000	1000	11000
					Annual Max	<21000		
	3,3-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3400	13000
	Dichlorobenzidine		13 3	Dewatering Cake		ND	2500	9000
	wet weight				05/02/2023	ND	1200	4500
	_				Annual Mean	<3400		
					Annual Max	<3400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3400	12000
				Dewatering Cake	04/04/2023	ND	5800	21000
					05/02/2023	ND	1200	4400
					Annual Mean	<5800		
					Annual Max	<5800		
	3-Nitroaniline	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
				Dewatering Cake	03/07/2023	ND	9600	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	6200	19000
					Annual Mean	<16000		
				DI	Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	8400	35000
					04/04/2023	ND	25000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<25000		
	O NIII	EDA 20700		Dia. 1.4	Annual Max	<25000	4400	40000
	3-Nitroaniline wet	EPA 8270C	µg/kg	Plant 1	01/10/2023	ND	4100	13000
	weight			Dewatering Cake	03/07/2023	ND	2400	10000
					04/04/2023	ND	2900	9000
					05/02/2023	ND	1500	4500
					Annual Mean	<4100		
			7.	D	Annual Max	<4100		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4100	12000
				Dewatering Cake	03/07/2023	ND	2400	10000
					04/04/2023	ND	6800	21000
	i i	1	1	1	05/02/2023	ND	1400	4400

gory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean	<6800		
					Annual Max	<6800		
	4,6-Dinitro-2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	99000	500000
	methylphenol			Dewatering Cake	03/07/2023	ND	76000	200000
					04/04/2023	ND	75000	360000
					05/02/2023	ND	39000	190000
					Annual Mean	<99000		
					Annual Max	<99000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	97000	450000
			13.3	Dewatering Cake	03/07/2023	ND	66000	170000
					04/04/2023	ND	160000	770000
					05/02/2023	ND	35000	170000
					Annual Mean	<160000	33000	170000
					Annual Max	<160000		
	4,6-Dinitro-2-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	26000	130000
	methylphenol wet			Dewatering Cake	03/07/2023	ND	19000	50000
	weight				04/04/2023	ND	19000	90000
					05/02/2023	ND	9500	45000
					Annual Mean	<26000		
					Annual Max	<26000		
		EPA 8270C	ua/ka	Plant 2	01/10/2023	ND	26000	120000
			μg/kg	Dewatering Cake	03/07/2023	ND	19000	50000
				Dewatering Cake				
					04/04/2023	ND	44000	210000
					05/02/2023	ND	9200	44000
					Annual Mean	<44000		
					Annual Max	<44000		
	4-Bromophenyl	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
	phenyl ether		1 2 3 7	Dewatering Cake	03/07/2023	ND	4800	40000
	j ,			.3	04/04/2023	ND ND	13000	36000
					05/02/2023	ND	6600	19000
						<17000	0000	19000
					Annual Mean			
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
				Dewatering Cake	03/07/2023	ND	4200	35000
					04/04/2023	ND	27000	77000
					05/02/2023	ND	6100	17000
					Annual Mean	<27000		
					Annual Max	<27000		
	4-Bromophenyl	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4500	13000
	phenyl ether wet		P9' N9	Dewatering Cake	03/07/2023	ND	1200	10000
				Dewatering Cake				
	weight				04/04/2023	ND	3200	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4500		
					Annual Max	<4500		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4400	12000
				Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	7500	21000
					05/02/2023	ND	1600	4400
					Annual Mean	<7500	1.500	1.100
								+
	4.051	EDA 00700		Disast d	Annual Max	<7500	44000	50000
	4-Chloro-3-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	14000	50000
	methylphenol			Dewatering Cake	03/07/2023	ND	6800	40000
					04/04/2023	ND	10000	36000
					05/02/2023	ND	5400	19000
					Annual Mean	<14000		
					Annual Max	<14000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND ND	13000	45000
			רשייש מיץ	Dewatering Cake	03/07/2023	ND	5900	35000
				Dowale in g Cake		ND	22000	77000
					04/04/2023			
					05/02/2023	ND	4900	17000
					Annual Mean	<22000		
					Annual Max	<22000		
	4-Chloro-3-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3700	13000
	methylphenol wet		1 - 3	Dewatering Cake	03/07/2023	ND	1700	10000
	weight			3	04/04/2023	ND	2600	9000
	3				05/02/2023	ND	1300	4500
						2700	1300	7300
					Annual Mean	<3700		
					Annual Max	<3700		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3600	12000
				Dewatering Cake	03/07/2023	ND	1700	10000
					04/04/2023	ND	6100	21000
					05/02/2023	ND	1300	4400
	1				Annual Mean	<6100	1.000	1.00
		1			Annual Max	<6100		
			1	<del></del>	01/10/2023	ND	9900	95000
	4 Oktores ""	EDA 00700	/I I			LIMIT	raann	IMPOUNT.
	4-Chloroaniline	EPA 8270C	μg/kg dry	Plant 1				
	4-Chloroaniline	EPA 8270C	μg/kg dry	Plant 1 Dewatering Cake	03/07/2023	ND	5600	40000
	4-Chloroaniline	EPA 8270C	µg/kg dry		03/07/2023 04/04/2023	ND ND		
	4-Chloroaniline	EPA 8270C	μg/kg dry		03/07/2023 04/04/2023	ND	5600	40000
	4-Chloroaniline	EPA 8270C	μg/kg dry		03/07/2023	ND ND	5600 7100	40000 71000

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	9400	94000
				Dewatering Cake	03/07/2023	ND	4900	35000
				9	04/04/2023	ND	16000	150000
					05/02/2023	ND	3400	33000
							3400	33000
					Annual Mean	<16000		
					Annual Max	<16000		
	4-Chloroaniline	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	2600	25000
		LI 7 02700	P9/N9					
	wet weight			Dewatering Cake	03/07/2023	ND	1400	10000
					04/04/2023	ND	1800	18000
					05/02/2023	ND	930	9100
							300	3100
					Annual Mean	<2600		
					Annual Max	<2600		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	2500	25000
		LI / ( OZ / OO	P9/N9		03/07/2023	ND	1400	10000
				Dewatering Cake				
					04/04/2023	ND	4300	42000
					05/02/2023	ND	900	8800
						<4300		0000
					Annual Mean			
					Annual Max	<4300		
	4-Chlorophenyl	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
			r-5···•13					
	phenyl ether			Dewatering Cake	03/07/2023	ND	5600	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
							1000	10000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
		02.700	Parka ary		03/07/2023			
				Dewatering Cake		ND	4900	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
							5500	11000
					Annual Mean	<24000		
		<u>                                     </u>	<u> </u>	<u> </u>	Annual Max	<24000	L	
	4-Chlorophenyl	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	phenyl ether wet		פיייט	Dewatering Cake	03/07/2023	ND	1400	10000
				Dewatering Cake				
	weight				04/04/2023	ND	2900	9000
					05/02/2023	ND	1400	4500
							1.100	1000
					Annual Mean	<4000		
					Annual Max	<4000		
	E	EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4000	12000
		/ \ 02/00	פיייפ					
				Dewatering Cake	03/07/2023	ND	1400	10000
					04/04/2023	ND	6700	21000
					05/02/2023	ND	1400	4400
							1700	7700
					Annual Mean	<6700		
					Annual Max	<6700		
	4-Nitroaniline	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
	4-Milloannine	LFA 02/0C	µg/kg ury					
				Dewatering Cake	03/07/2023	ND	8400	40000
					04/04/2023	ND	12000	36000
					05/02/2023	ND	6200	19000
							6200	19000
					Annual Mean	<16000		
					Annual Max	<16000		
		EDA 00700	المرادم ما	Dlort 2	01/10/2022		15000	45000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	7300	35000
		1		1	104/04/2023	IND	25000	[ / / ()()()
					04/04/2023	ND	25000	77000
					05/02/2023	ND	25000 5300	17000
					05/02/2023 Annual Mean	ND <25000		
	4 Nitro	EDA 00700		Diant 4	05/02/2023 Annual Mean Annual Max	ND <25000 <25000	5300	17000
	4-Nitroaniline wet	EPA 8270C	μg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023	ND <25000 <25000 ND	5300 4100	17000
	4-Nitroaniline wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND <25000 <25000 ND ND	5300 4100 2100	17000 13000 10000
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND <25000 <25000 ND ND	5300 4100 2100	17000 13000 10000
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND <25000 <25000 ND ND ND	5300 4100 2100 3000	17000 13000 10000 9000
		EPA 8270C	µg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100	17000 13000 10000
		EPA 8270C	µg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND <25000 <25000 ND ND ND	5300 4100 2100 3000	17000 13000 10000 9000
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND <25000 <25000 ND ND ND ND ND ND ND <4100	5300 4100 2100 3000	17000 13000 10000 9000
				Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND <4100 <4100	5300 4100 2100 3000 1500	17000 13000 10000 9000 4500
		EPA 8270C	µg/kg	Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND <4100 <4100 ND ND	5300 4100 2100 3000 1500	17000 13000 10000 9000 4500
				Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND <4100 <4100	5300 4100 2100 3000 1500	17000 13000 10000 9000 4500
				Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100	17000 13000 10000 9000 4500 12000 10000
				Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900	17000 13000 10000 9000 4500 12000 10000 21000
				Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 04/04/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100	17000 13000 10000 9000 4500 12000 10000
				Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900	17000 13000 10000 9000 4500 12000 10000 21000
				Dewatering Cake  Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 203/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900	17000 13000 10000 9000 4500 12000 10000 21000
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400	17000 13000 10000 9000 4500 12000 10000 21000 4400
				Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400	17000 13000 10000 9000 4500 12000 10000 21000 4400
	weight	EPA 8270C	µg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400	17000 13000 10000 9000 4500 12000 10000 21000 4400
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND <25000 <25000 ND ND ND ND ND ND ND <4100 <41100 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000	17000 13000 10000 9000 4500 12000 10000 21000 4400 95000 40000
	weight	EPA 8270C	µg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023	ND <25000 <25000 ND ND ND ND ND ND ND S4100 <41100 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000 51000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000
	weight	EPA 8270C	µg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND <25000 <25000 ND ND ND ND ND ND ND <4100 <41100 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000	17000 13000 10000 9000 4500 12000 10000 21000 4400 95000 40000
	weight	EPA 8270C	µg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000 51000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000
	weight	EPA 8270C	µg/kg	Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000 51000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000 51000 28000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 2100 6900 1400 69000 13000 51000 28000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND <4100 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 6900 1400 69000 13000 51000 28000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND <25000 <25000 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  51000 28000  67000 12000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND <25000 <25000 ND ND ND ND ND ND ND ND <4100 ND ND ND ND ND ND ND ND ND ND ND ND ND	5300 4100 2100 3000 1500 4100 6900 1400 69000 13000 51000 28000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  69000 13000 51000 28000  67000 12000 110000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000  94000 35000 150000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 05/02/2023	ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  51000 28000  67000 12000	17000  13000 10000 9000 4500  12000 10000 21000 4400  95000 40000 71000 38000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  69000 13000 51000 28000  67000 12000 110000	17000  13000  10000  9000  4500  12000  10000  21000  4400  95000  40000  71000  38000  94000  35000  150000
	weight	EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  69000 13000 51000 28000  67000 12000 110000	17000  13000  10000  9000  4500  12000  10000  21000  4400  95000  40000  71000  38000  94000  35000  150000
	weight	EPA 8270C  EPA 8270C	μg/kg μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 05/02/2023	ND	5300  4100 2100 3000 1500  4100 2100 6900 1400  69000 13000 51000 28000  67000 12000 110000	17000  13000  10000  9000  4500  12000  10000  21000  4400  95000  40000  71000  38000  94000  35000  150000

/	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/04/2023	ND	13000	18000
					05/02/2023	ND	6700	9100
					Annual Mean	<18000		
					Annual Max	<18000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	18000	25000
			F3/13	Dewatering Cake	03/07/2023	ND	3400	10000
				Dewatering Cake				
					04/04/2023	ND	31000	42000
					05/02/2023	ND	6400	8800
					Annual Mean	<31000		
					Annual Max	<31000		
	Acenaphthene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	Aceriapritrierie	LI A 02700	µg/kg diy		03/07/2023		4400	
				Dewatering Cake		ND		40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EDA 00700	//	DI+ 0			44000	45000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	45000
				Dewatering Cake	03/07/2023	ND	3800	35000
					04/04/2023	ND	23000	77000
					05/02/2023	ND	4900	17000
					Annual Mean	<23000		
					Annual Max	<23000		
		EDA 2075 7		DI			0000	1000-
	Acenaphthene	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3800	13000
	wet weight			Dewatering Cake	03/07/2023	ND	1100	10000
				_	04/04/2023	ND	2700	9000
					05/02/2023	ND	1400	4500
						<3800	1700	7000
					Annual Mean			
					Annual Max	<3800		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3800	12000
				Dewatering Cake	03/07/2023	ND	1100	10000
					04/04/2023	ND	6300	21000
					05/02/2023	ND	1300	4400
					Annual Mean	<6300		
					Annual Max	<6300		
	Acenaphthylene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	, (3, 12, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13		r-3···3 ···)	Dewatering Cake	03/07/2023	ND	7600	40000
				Dowale my Cake				
					04/04/2023	ND	11000	36000
					05/02/2023	ND	6200	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
		LI A 02700	µg/kg diy					
				Dewatering Cake	03/07/2023	ND	6600	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	A b th- d	EDA 00700		DI+ 4			4000	40000
	Acenaphthylene	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	wet weight			Dewatering Cake	03/07/2023	ND	1900	10000
					04/04/2023	ND	2900	9000
					05/02/2023	ND	1500	4500
					Annual Mean	<4000	1.000	1000
					Annual Max	<4000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4000	12000
				Dewatering Cake	03/07/2023	ND	1900	10000
				3 - 1-	04/04/2023	ND	6700	21000
					05/02/2023	ND	1400	4400
							1400	14400
					Annual Mean	<6700		
					Annual Max	<6700		
	Aniline	EPA 8270C	μg/kg dry	Plant 1	03/07/2023	ND	9200	40000
				Dewatering Cake	Annual Mean	<9200		
					Annual Max	<9200		
		EDA 00700		Diar t 0			0000	05000
		EPA 8270C	μg/kg dry	Plant 2	03/07/2023	ND	8000	35000
				Dewatering Cake	Annual Mean	<8000		
					Annual Max	<8000		
	Aniline wet weight	EPA 8270C	μg/kg	Plant 1	03/07/2023	ND	2300	10000
			L-9-1-9	Dewatering Cake		<2300		
				Dewatering Cake	Annual Mean			
					Annual Max	<2300		
		EPA 8270C	μg/kg	Plant 2	03/07/2023	ND	2300	10000
				Dewatering Cake	Annual Mean	<2300		
					Annual Max	<2300		
	A 41.	EDA 20722		Di			40000	F0000
	Anthracene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
				Dewatering Cake	03/07/2023	ND	4000	40000
				-	04/04/2023	ND	12000	36000
					05/02/2023	ND	6200	19000
						<16000	0200	19000
						1/76000	1	1
					Annual Mean			
					Annual Max	<16000		
		EPA 8270C	µg/ka drv	Plant 2	Annual Max	<16000	15000	45000
		EPA 8270C	μg/kg dry		Annual Max 01/10/2023	<16000 ND	15000	45000 35000
		EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake	Annual Max 01/10/2023 03/07/2023	<16000 ND ND	3500	35000
		EPA 8270C	µg/kg dry		Annual Max 01/10/2023	<16000 ND		

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean	<25000		
					Annual Max	<25000		
	Anthracene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4100	13000
	weight			Dewatering Cake	03/07/2023	ND	1000	10000
				-	04/04/2023	ND	3000	9000
					05/02/2023	ND	1500	4500
						<4100	1000	7000
					Annual Mean			
					Annual Max	<4100		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4100	12000
			100	Dewatering Cake	03/07/2023	ND	1000	10000
				zematering cane	04/04/2023	ND	6900	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<6900		
					Annual Max	<6900		
	Azobenzene/1,2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	28000	50000
		LI A 02/00	µg/kg ury					
	Diphenylhydrazin			Dewatering Cake	03/07/2023	ND	12000	40000
	е				04/04/2023	ND	21000	36000
					05/02/2023	ND	11000	19000
					Annual Mean	<28000		
						<28000		
					Annual Max			
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	27000	45000
				Dewatering Cake	03/07/2023	ND	10000	35000
					04/04/2023	ND	44000	77000
					05/02/2023	ND	9900	17000
							9300	17000
					Annual Mean	<44000		
		<u> </u>			Annual Max	<44000		<u> </u>
	Azobenzene/1,2-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	7400	13000
	Diphenylhydrazin		. 5 5	Dewatering Cake	03/07/2023	ND	2900	10000
				Domatoning Cake	04/04/2023	ND	5300	9000
	e wet weight							
					05/02/2023	ND	2700	4500
					Annual Mean	<7400		
					Annual Max	<7400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	7300	12000
		LFA 02/00	µg/kg					
				Dewatering Cake	03/07/2023	ND	2900	10000
					04/04/2023	ND	12000	21000
					05/02/2023	ND	2600	4400
					Annual Mean	<12000		
						<12000	-	+
	D () "	ED 4 2072 7	<i>p</i>	DI	Annual Max		10000	F000-
	Benz(a)anthracen	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
	е			Dewatering Cake	03/07/2023	ND	3700	40000
					04/04/2023	ND	12000	36000
					05/02/2023	ND	6200	19000
							0200	19000
					Annual Mean	<16000		
					Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
			, , ,	Dewatering Cake	03/07/2023	ND	3200	35000
				Domaioning Oake		ND	26000	77000
					04/04/2023			
					05/02/2023	ND	5700	17000
					Annual Mean	<26000		
					Annual Max	<26000		
	Benz(a)anthracen	EPΔ 82700	μg/kg	Plant 1	01/10/2023	ND	4300	13000
		LI 7 02/00	P9/N9					
	e wet weight			Dewatering Cake	03/07/2023	ND	910	10000
		1	1					
					04/04/2023	ND	3100	9000
					04/04/2023 05/02/2023	ND ND	3100 1500	9000 4500
					05/02/2023	ND		
					05/02/2023 Annual Mean	ND <4300		
		EDA 0077		DI C	05/02/2023 Annual Mean Annual Max	ND <4300 <4300	1500	4500
		EPA 8270C	μg/kg	Plant 2	05/02/2023 Annual Mean Annual Max 01/10/2023	ND <4300 <4300 ND	1500 4200	4500 12000
		EPA 8270C	µg/kg	Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max	ND <4300 <4300	1500 4200	4500
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND <4300 <4300 ND ND	1500 4200 910	4500 12000 10000
		EPA 8270C	µg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND <4300 <4300 ND ND ND ND	4200 910 7200	12000 10000 21000
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND <4300 <4300 ND ND ND ND ND	1500 4200 910	4500 12000 10000
		EPA 8270C	μg/kg		05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND <4300 <4300 ND ND ND ND ND ND ND ND	4200 910 7200	12000 10000 21000
					05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND ND ND ND <7200 <7200	4200 910 7200	12000 10000 21000 4400
	Benzidine				05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND <4300 <4300 ND ND ND ND ND ND ND <7200 <7200	4200 910 7200 1500	12000 10000 21000 4400
	Benzidine	EPA 8270C	μg/kg μg/kg dry	Dewatering Cake  Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023	ND <4300 <4300 ND ND ND ND ND ND ND ND ND ND ND <7200 <7200 ND ND ND ND ND ND ND ND ND ND ND ND ND	4200 910 7200	12000 10000 21000
	Benzidine			Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean	ND <4300 <4300 ND ND ND ND ND ND ND ND ND <7200 <7200 ND <1800 ND ND ND ND ND ND ND ND ND ND ND ND ND	4200 910 7200 1500	12000 10000 21000 4400
	Benzidine	EPA 8270C	μg/kg dry	Dewatering Cake  Plant 1  Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	ND <4300 <4300 ND ND ND ND ND ND ND ND <7200 <7200 ND <18000 <18000	1500 4200 910 7200 1500	12000 10000 21000 4400
	Benzidine			Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Mean Annual Max 05/02/2023	ND	4200 910 7200 1500	12000 10000 21000 4400
	Benzidine	EPA 8270C	μg/kg dry	Dewatering Cake  Plant 1  Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	ND <4300 <4300 ND ND ND ND ND ND ND ND <7200 <7200 ND <18000 <18000	1500 4200 910 7200 1500	12000 10000 21000 4400
	Benzidine	EPA 8270C	μg/kg dry	Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND ND ND <7200 <7200 ND <18000 <18000 ND <16000 ND <16000 ND <16000 ND <16000 ND	1500 4200 910 7200 1500	12000 10000 21000 4400
		EPA 8270C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND ND ND <7200 <7200 ND <18000 ND <16000 <16000 <16000	1500 4200 910 7200 1500 18000	4500 12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C	μg/kg dry	Plant 1 Dewatering Cake Plant 2 Dewatering Cake Plant 1 Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023	ND <4300 <4300 ND ND ND ND ND <7200 <7200 ND <18000 <18000 ND ND ND ND ND ND ND ND ND ND ND ND ND	1500 4200 910 7200 1500	12000 10000 21000 4400
		EPA 8270C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND ND <7200 <7200 ND <18000 <18000 ND ND <16000 ND <16000 ND <4300 ND	1500 4200 910 7200 1500 18000	4500 12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake Plant 2 Dewatering Cake Plant 1 Plant 1	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND ND <7200 <7200 ND <18000 <18000 ND ND <16000 ND <16000 ND <4300 ND	1500 4200 910 7200 1500 18000	4500 12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND <4300 <4300 ND ND ND ND <7200 <7200 ND <18000 <18000 ND <16000 ND <43000 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4300 <4	1500 4200 910 7200 1500 18000 4300	12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND	1500 4200 910 7200 1500 18000	4500 12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND	1500 4200 910 7200 1500 18000 4300	12000 10000 21000 4400 110000 99000
	Benzidine wet	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND	1500 4200 910 7200 1500 18000 4300	12000 10000 21000 4400 110000 99000
	Benzidine wet weight	EPA 8270C  EPA 8270C  EPA 8270C  EPA 8270C	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND	1500 4200 910 7200 1500 18000 4300	4500 12000 10000 21000 4400 110000 99000 27000
	Benzidine wet	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max	ND	1500 4200 910 7200 1500 18000 16000 4300	4500 12000 10000 21000 4400 110000 99000 27000 26000
	Benzidine wet weight	EPA 8270C  EPA 8270C  EPA 8270C  EPA 8270C	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 O3/07/2023	ND <4300 <4300 ND ND ND ND <7200 <7200 ND <18000 <18000 <16000 ND <4300 ND <44300 <44200 <4200 ND ND ND ND ND ND ND ND ND ND ND ND ND	1500 4200 910 7200 1500 18000 16000 4300 4200 16000 6000	4500  12000 10000 21000 4400  110000  99000  27000  26000  50000 40000
	Benzidine wet weight	EPA 8270C  EPA 8270C  EPA 8270C  EPA 8270C	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 01/10/2023 03/07/2023 04/04/2023	ND	1500 4200 910 7200 1500 18000 16000 4300 4200 16000 6000 12000	4500 12000 10000 21000 4400 110000 99000 27000 26000
	Benzidine wet weight	EPA 8270C  EPA 8270C  EPA 8270C  EPA 8270C	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 01/10/2023 03/07/2023 04/04/2023	ND <4300 <4300 ND ND ND ND <7200 <7200 ND <18000 <18000 <16000 ND <4300 ND <44300 <44200 <4200 ND <4200 ND <4300 ND <4300 ND <4300 ND <4300 ND <4300 ND <4300 ND <4400 ND ND <4400 ND ND ND ND ND ND ND ND ND ND ND ND ND	1500 4200 910 7200 1500 18000 16000 4300 4200 16000 6000 12000	4500  12000 10000 21000 4400  110000  27000  26000  50000 40000 36000
	Benzidine wet weight	EPA 8270C  EPA 8270C  EPA 8270C  EPA 8270C	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 Annual Mean Annual Max 05/02/2023 O3/07/2023	ND <4300 <4300 ND ND ND ND <7200 <7200 ND <18000 <18000 <16000 ND <4300 ND <44300 <44200 <4200 ND ND ND ND ND ND ND ND ND ND ND ND ND	1500 4200 910 7200 1500 18000 16000 4300 4200 16000 6000	4500 12000 10000 21000 4400 110000 99000 27000 26000 50000 40000

У	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
				Dewatering Cake	03/07/2023	ND	5200	35000
					04/04/2023	ND	27000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<27000		
					Annual Max	<27000		
	Benzo(a)pyrene	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4300	13000
	wet weight			Dewatering Cake	03/07/2023	ND	1500	10000
					04/04/2023	ND	3100	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4300		
					Annual Max	<4300		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4300	12000
				Dewatering Cake	03/07/2023	ND	1500	10000
					04/04/2023	ND	7300	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<7300		
					Annual Max	<7300		
	Benzo(b)fluoranth	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	ene			Dewatering Cake	03/07/2023	ND	6400	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	5600	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
		<u> </u>	<u> </u>		Annual Max	<24000		
	Benzo(b)fluoranth	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	13000
	ene wet weight			Dewatering Cake	03/07/2023	ND	1600	10000
					04/04/2023	ND	2800	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<3900		
					Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
			1.5. 5	Dewatering Cake	03/07/2023	ND	1600	10000
				3 -	04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6600	1100	1100
					Annual Max	<6600		
	Benzo(g,h,i)peryle	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
	ne	LI A 02/00	µg/kg diy	Dewatering Cake	03/07/2023	ND	6800	40000
	iie			Dewatering Cake	04/04/2023	ND	12000	36000
					05/02/2023	ND	6600	19000
						<16000	0000	19000
					Annual Mean	<16000		
		EPA 8270C	ug/kg day	Plant 2	Annual Max 01/10/2023	ND	16000	45000
		EPA 02/00	µg/kg dry	Dewatering Cake				
				Dewatering Cake	03/07/2023	ND	5900	35000
					04/04/2023	ND	26000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<26000		
	D /	ED 4 6075 7		DI	Annual Max	<26000	4000	4000-
	Benzo(g,h,i)peryle	EPA 82/0C	μg/kg	Plant 1	01/10/2023	ND	4300	13000
	ne wet weight			Dewatering Cake	03/07/2023	ND	1700	10000
					04/04/2023	ND	3100	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4300		
		<b>==</b> • • • • •		D	Annual Max	<4300	4	
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4300	12000
				Dewatering Cake	03/07/2023	ND	1700	10000
					04/04/2023	ND	7200	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<7200		
					Annual Max	<7200		
	Benzo(k)fluoranth	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
	ene			Dewatering Cake	03/07/2023	ND	7600	40000
					04/04/2023	ND	13000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	17000	45000
			,	Dewatering Cake	03/07/2023	ND	6600	35000
				3 - 112	04/04/2023	ND	28000	77000
					05/02/2023	ND	6100	17000
					Annual Mean	<28000	0.30	1500
					Annual Max	<28000		
	Benzo(k)fluoranth	EDΔ 8270€	μg/kg	Plant 1	01/10/2023	ND	4500	13000
				I FIMILL	10/11/10/20/3	IIII	1 <del>4</del> 000	11.5000

egory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/04/2023	ND	3300	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4500		
					Annual Max	<4500		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4500	12000
		217102700	P9/N9	Dewatering Cake	03/07/2023	ND	1900	10000
				Dewatering Cake				
					04/04/2023	ND	7600	21000
					05/02/2023	ND	1600	4400
					Annual Mean	<7600		
					Annual Max	<7600		
	Benzoic acid	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	53000	190000
	Berizoic acid	LFA 02/0C	µg/kg ury					
				Dewatering Cake	03/07/2023	ND	130000	200000
					04/04/2023	ND	40000	140000
					05/02/2023	ND	21000	74000
					Annual Mean	<130000		
					Annual Max	<130000		
		EDA 00700		DI+ 0			50000	400000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	52000	190000
				Dewatering Cake	03/07/2023	ND	110000	170000
					04/04/2023	ND	84000	310000
					05/02/2023	ND	19000	68000
					Annual Mean	<110000		
					Annual Max	<110000		
	D	EDA 00700		Discould			4.4000	F0000
	Benzoic acid wet	EPA 8270C	µg/kg	Plant 1	01/10/2023	ND	14000	50000
	weight			Dewatering Cake	03/07/2023	ND	32000	50000
				-	04/04/2023	ND	10000	36000
					05/02/2023	ND	5100	18000
					Annual Mean	<32000	0.100	1.0000
					Annual Max	<32000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	14000	50000
				Dewatering Cake	03/07/2023	ND	32000	50000
				3	04/04/2023	ND	23000	84000
					05/02/2023	ND	4900	18000
							4900	10000
					Annual Mean	<32000		
		<u> </u>			Annual Max	<32000		<u> </u>
	Benzyl alcohol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
			1 5 5 7	Dewatering Cake	03/07/2023	ND	6800	40000
				Dowatering Cake				
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	45000
		LFA 02/0C	µg/kg ury					
				Dewatering Cake	03/07/2023	ND	5900	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	Benzyl alcohol	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	13000
	wet weight			Dewatering Cake	03/07/2023	ND	1700	10000
	_				04/04/2023	ND	2800	9000
					05/02/2023		1400	4500
						ND	1400	4500
					Annual Mean	<3900		
		<u></u>			Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3800	12000
			1 59	Dewatering Cake	03/07/2023	ND	1700	10000
				Dowalding Cake	04/04/2023	ND	6500	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6500		
					Annual Max	<6500		
		1	μg/kg dry	Plant 1		ND	14000	50000
	Bis(2-	FPA 8270C			101/10/2023			40000
	Bis(2-	EPA 8270C	µg/kg diy		01/10/2023			
	chloroethoxy)met	EPA 8270C	µg/kg diy	Dewatering Cake	03/07/2023	ND	4800	
		EPA 8270C	µg/kg dry		03/07/2023 04/04/2023	ND ND	10000	36000
	chloroethoxy)met	EPA 8270C	µg/kg diy		03/07/2023	ND ND ND		36000 19000
	chloroethoxy)met	EPA 8270C	μg/kg dry		03/07/2023 04/04/2023	ND ND	10000	
	chloroethoxy)met	EPA 8270C	μg/kg diy		03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <14000	10000	
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <14000 <14000	10000 5400	19000
	chloroethoxy)met	EPA 8270C	μg/kg dry	Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <14000 <14000 ND	10000 5400 13000	19000 45000
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <14000 <14000 ND ND	10000 5400 13000 4200	19000 45000 35000
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND <14000 <14000 ND ND ND	10000 5400 13000 4200 22000	45000 35000 77000
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND <14000 <14000 ND ND ND	10000 5400 13000 4200 22000	45000 35000 77000
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <14000 <14000 ND ND ND ND	10000 5400 13000 4200	19000 45000 35000
	chloroethoxy)met			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <14000 <14000 ND ND ND ND ND ND ND	10000 5400 13000 4200 22000	45000 35000 77000
	chloroethoxy)met hane	EPA 8270C		Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <14000 <14000 ND ND ND ND ND ND <22000 <22000	10000 5400 13000 4200 22000 4900	19000 45000 35000 77000 17000
	chloroethoxy)met hane			Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND	10000 5400 13000 4200 22000	45000 35000 77000
	chloroethoxy)met hane	EPA 8270C	μg/kg dry	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900	19000 45000 35000 77000 17000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200	19000 45000 35000 77000 17000
	chloroethoxy)met hane	EPA 8270C	μg/kg dry	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600	19000 45000 35000 77000 17000 13000 10000 9000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 04/04/2023 05/02/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200	19000 45000 35000 77000 17000 13000 10000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND 14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600	19000 45000 35000 77000 17000 13000 10000 9000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND 14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600	19000 45000 35000 77000 17000 13000 10000 9000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND 14000 <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600 1300	19000 45000 35000 77000 17000 13000 10000 9000 4500
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600 1300	19000 45000 35000 77000 17000 13000 10000 9000 4500
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023	ND ND ND <14000 <14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600 1300	19000 45000 35000 77000 17000 13000 10000 9000 4500 12000 10000
	chloroethoxy)met hane  Bis(2-chloroethoxy)met	EPA 8270C	μg/kg dry μg/kg	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND	10000 5400 13000 4200 22000 4900 3600 1200 2600 1300	19000 45000 35000 77000 17000 13000 10000 9000 4500

egory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean	<6100		
					Annual Max	<6100		
	Bis(2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
	chloroethyl)ether			Dewatering Cake	03/07/2023	ND	8000	200000
					04/04/2023	ND	12000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<16000		
					Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
			13.3	Dewatering Cake	03/07/2023	ND	7000	170000
					04/04/2023	ND	26000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<26000	3700	17000
					Annual Max	<26000		
	Bis(2-	EPA 8270C	µg/kg	Plant 1	01/10/2023	ND	4300	13000
	chloroethyl)ether			Dewatering Cake	03/07/2023	ND	2000	50000
	wet weight				04/04/2023	ND	3100	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4300		
					Annual Max	<4300		
		EPA 8270C	ualka	Plant 2	01/10/2023	ND	4200	12000
		LFA 02/00	µg/kg				4300	
				Dewatering Cake	03/07/2023	ND	2000	50000
					04/04/2023	ND	7200	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<7200		
					Annual Max	<7200		
	Bis(2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	chloroisopropyl)et		1 5 5 1	Dewatering Cake	03/07/2023	ND	4800	40000
	her			Canalonning Oake	04/04/2023	ND	11000	36000
	1101				05/02/2023	ND ND	5800	19000
							5600	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	45000
					03/07/2023	ND	4200	35000
					04/04/2023	ND	23000	77000
					05/02/2023	ND	4900	17000
					Annual Mean	<23000		1
					Annual Max	<23000		
	Ric/2	EDA 92700	ualka	Plant 1	01/10/2023		3800	12000
	Bis(2-	EPA 8270C	µg/kg			ND	3800	13000
	chloroisopropyl)et			Dewatering Cake	03/07/2023	ND	1200	10000
	her wet weight				04/04/2023	ND	2800	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<3800		
					Annual Max	<3800		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3800	12000
				Dewatering Cake	03/07/2023	ND	1200	10000
				.3	04/04/2023	ND	6400	21000
					05/02/2023	ND	1300	4400
						<6400	1000	1400
					Annual Mean			
	D: /-				Annual Max	<6400	.=	
	Bis(2-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
	ethylhexyl)phthala			Dewatering Cake	03/07/2023	38000 DNQ	20000	40000
	te				04/04/2023	31000 DNQ	13000	36000
					05/02/2023	33000	6600	19000
					Annual Mean	30000 DNQ		
					Annual Max	33000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	17000	45000
			pg/kg uly	Dewatering Cake	03/07/2023		17000	35000
				Dewatering Cake		33000 DNQ		
					04/04/2023	ND	28000	77000
					05/02/2023	31000	6100	17000
					Annual Mean	27000 DNQ		
					Annual Max	31000		
	Bis(2-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4500	13000
	ethylhexyl)phthala		1 3 3	Dewatering Cake	03/07/2023	9400 DNQ	5000	10000
	te wet weight				04/04/2023	7900 DNQ	3300	9000
					05/02/2023	7900 DNQ	1600	4500
							1000	4300
					Annual Mean	7400 DNQ		
					Annual Max	7900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4500	12000
				Dewatering Cake	03/07/2023	9500 DNQ	5000	10000
				_	04/04/2023	ND	7600	21000
					05/02/2023	8100	1600	4400
					Annual Mean	7400 DNQ	1000	1700
							_	
			1		Annual Max	8100	10	
					01/10/2023	ND	16000	50000
	Butyl benzyl	EPA 8270C	μg/kg dry	Plant 1				
	Butyl benzyl phthalate	EPA 8270C	μg/kg dry	Plant 1 Dewatering Cake	03/07/2023	ND	18000	40000
		EPA 8270C	μg/kg dry		03/07/2023	ND	18000	40000
		EPA 8270C	μg/kg dry		03/07/2023 04/04/2023	ND ND	18000 12000	40000 36000
		EPA 8270C	μg/kg dry		03/07/2023	ND	18000	40000

ory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	15000	35000
					04/04/2023	ND	26000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<26000		
					Annual Max	<26000		
	Butyl benzyl	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4200	13000
	phthalate wet			Dewatering Cake	03/07/2023	ND	4400	10000
	weight				04/04/2023	ND	3000	9000
					05/02/2023	ND	1500	4500
					Annual Mean	<4400		
					Annual Max	<4400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4100	12000
		LI 7 (02/00	µg/Ng	Dewatering Cake	03/07/2023	ND	4400	10000
				Dewatering Cake		ND	7000	21000
					04/04/2023	ND ND	1500	
					05/02/2023		1500	4400
					Annual Mean	<7000		
					Annual Max	<7000		
	Chrysene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
				Dewatering Cake	03/07/2023	ND	5200	40000
					04/04/2023	ND	13000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
		LI A 02/00	µg/kg ury	Dewatering Cake	03/07/2023	ND ND	4900	35000
				Dewatering Cake				
					04/04/2023	ND	27000	77000
					05/02/2023	ND	6100	17000
					Annual Mean	<27000		
					Annual Max	<27000		
	Chrysene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4400	13000
	weight			Dewatering Cake	03/07/2023	ND	1300	10000
	-				04/04/2023	ND	3200	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4400	1.000	1000
					Annual Max	<4400	<del>-  </del>	
		EPA 8270C	ua/ka	Plant 2	01/10/2023	ND	4400	12000
		LFA 02/0C	µg/kg					
				Dewatering Cake	03/07/2023	ND	1400	10000
					04/04/2023	ND	7400	21000
					05/02/2023	ND	1600	4400
					Annual Mean	<7400		
					Annual Max	<7400		
	Dibenz(a,h)anthra	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	46000	50000
	cene			Dewatering Cake	03/07/2023	ND	8400	40000
				3 :	04/04/2023	ND	34000	36000
					05/02/2023	ND	18000	19000
					Annual Mean	<46000		10000
					Annual Max	<46000	<del>-  </del>	
		EPA 8270C	ua/ka de :	Dlant 2	01/10/2023	<46000 ND	45000	45000
		EPA 82/00	μg/kg dry	Plant 2				
				Dewatering Cake		ND	7300	35000
					04/04/2023	ND	73000	77000
					05/02/2023	ND	16000	17000
					Annual Mean	<73000		
					Annual Max	<73000		
	Dibenz(a,h)anthra	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	12000	13000
	cene wet weight	- /-	. 5 5	Dewatering Cake	03/07/2023	ND	2100	10000
				.3	04/04/2023	ND	8600	9000
					05/02/2023	ND	4300	4500
					Annual Mean	<12000	1.000	1000
		EDA 00700		DI 1 O	Annual Max	<12000	40000	40000
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	12000	12000
				Dewatering Cake	03/07/2023	ND	2100	10000
					04/04/2023	ND	20000	21000
					05/02/2023	ND	4200	4400
					Annual Mean	<20000		
					Annual Max	<20000		
	Dibenzofuran	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
	2.20.20141411		ra,a 41,	Dewatering Cake	03/07/2023	ND	7600	40000
				Dowatering Cake	04/04/2023	ND	12000	36000
					05/02/2023	ND	6200	19000
					Annual Mean	<16000		
					Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	6600	35000
			1	9	04/04/2023	ND	25000	77000
						1	1-0000	1
						ND	5300	17000
					05/02/2023	ND	5300	17000
					05/02/2023 Annual Mean	<25000	5300	17000
	Dibenzofuran wet		μg/kg	Plant 1	05/02/2023		5300 4100	13000

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/04/2023	ND	3000	9000
					05/02/2023	ND	1500	4500
					Annual Mean	<4100		
					Annual Max	<4100		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4100	12000
		2.7102.00	ma/a	Dewatering Cake	03/07/2023	ND	1900	10000
				Dewatering Cake				
					04/04/2023	ND	6900	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6900		
					Annual Max	<6900		
	Diathyd phthalata	EPA 8270C	um/lem alme	Diamt 1		ND	15000	50000
	Diethyl phthalate	EPA 62/00	μg/kg dry	Plant 1	01/10/2023			50000
				Dewatering Cake	03/07/2023	ND	4800	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	4200	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
						<24000	3300	17000
					Annual Mean			
					Annual Max	<24000		
	Diethyl phthalate	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	13000
	wet weight		, , ,	Dewatering Cake	03/07/2023	ND	1200	10000
	TOC WOIGHT			Dowalding Cake				
					04/04/2023	ND	2800	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<3900		
					Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
		LI 7 02/00	P9/N9					
				Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6600		
					Annual Max	<6600		
	Dimethyl	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	phthalate			Dewatering Cake	03/07/2023	ND	5200	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
							3000	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	14000	45000
			1-337	Dewatering Cake	03/07/2023	ND	4500	35000
				Dewatering Cake				
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
							2000	12000
	Discotles d	EDA 00700	//		04/40/2022			13000
	Dimethyl	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	4000-
	phthalate wet	EPA 8270C	μg/kg	Plant 1 Dewatering Cake	03/07/2023	ND	1300	10000
	phthalate wet	EPA 8270C	µg/kg				1300	
		EPA 8270C	μ <b>g</b> /kg		03/07/2023 04/04/2023	ND ND	1300 2800	9000
	phthalate wet	EPA 8270C	μ <b>g</b> /kg		03/07/2023 04/04/2023 05/02/2023	ND ND ND	1300	
	phthalate wet	EPA 8270C	μg/kg		03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <3900	1300 2800	9000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900	1300 2800 1400	9000 4500
	phthalate wet	EPA 8270C	μg/kg μg/kg	Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <3900	1300 2800 1400 3800	9000 4500 12000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <3900 <3900 ND	1300 2800 1400 3800	9000 4500 12000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <3900 <3900 ND ND	1300 2800 1400 3800 1300	9000 4500 12000 10000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND <3900 <3900 ND ND ND	1300 2800 1400 3800 1300 6500	9000 4500 12000 10000 21000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <3900 <3900 ND ND ND ND	1300 2800 1400 3800 1300	9000 4500 12000 10000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <3900 <3900 ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500	9000 4500 12000 10000 21000
	phthalate wet			Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <3900 <3900 ND ND ND ND	1300 2800 1400 3800 1300 6500	9000 4500 12000 10000 21000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND <6500 <6500	1300 2800 1400 3800 1300 6500 1400	9000 4500 12000 10000 21000 4400
	phthalate wet weight			Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400	9000 4500 12000 10000 21000 4400
	phthalate wet weight	EPA 8270C	µg/kg	Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000	9000 4500 12000 10000 21000 4400 50000 40000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000	9000 4500 12000 10000 21000 4400 50000 40000 36000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000	9000 4500 12000 10000 21000 4400 50000 40000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 05/02/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000	9000 4500 12000 10000 21000 4400 50000 40000 36000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND <6500 <6500 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000	9000 4500 12000 10000 21000 4400 50000 40000 36000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND <6500 <6500 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
	phthalate wet weight	EPA 8270C	µg/kg	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND <6500 <6500 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean O1/10/2023 03/07/2023 O1/10/2023 O3/07/2023	ND ND ND <3900 ND ND ND ND ND ND ND ND ND <46500 <6500 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND <6500 <6500 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000
	phthalate wet weight	EPA 8270C	µg/kg µg/kg dry	Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000
	phthalate wet weight  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000
	phthalate wet weight  Di-n-butyl phthalate	EPA 8270C	µg/kg µg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000
	phthalate wet weight  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6000 12000 6200 16000 5200 26000 5700	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 35000 77000 17000 13000 10000 9000
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry  μg/kg dry  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND   ND   ND   ND   ND   ND   ND   ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700 4300 1500 3100 1500	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 77000 17000 13000 10000 9000 4500
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C	μg/kg dry μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700 4300 1500 3100 1500	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 77000 17000 13000 10000 9000 4500
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry  μg/kg dry  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <3900 <3900 ND ND ND ND ND ND ND ND ND ND ND ND ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700 4300 1500 3100 1500	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 77000 17000 13000 10000 9000 4500
	Di-n-butyl phthalate  Di-n-butyl phthalate	EPA 8270C  EPA 8270C  EPA 8270C	μg/kg dry  μg/kg dry  μg/kg dry	Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND   ND   ND   ND   ND   ND   ND   ND	1300 2800 1400 3800 1300 6500 1400 16000 6200 16000 5200 26000 5700 4300 1500 3100 1500	9000 4500 12000 10000 21000 4400 50000 40000 36000 19000 45000 77000 17000 13000 10000 9000 4500

egory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean	<7100		
					Annual Max	<7100		
	Di-n-octyl	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
	phthalate			Dewatering Cake	03/07/2023	ND	29000	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	5800	19000
					Annual Mean	<29000		
					Annual Max	<29000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	25000	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<25000	0000	17000
					Annual Max	<25000		
	Di to d	EDA 00700		DI4.4			4000	40000
	Di-n-octyl	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	phthalate wet			Dewatering Cake	03/07/2023	ND	7200	10000
	weight				04/04/2023	ND	2900	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<7200		
					Annual Max	<7200		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
			. 5 5	Dewatering Cake	03/07/2023	ND	7200	10000
				ig cano	04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
							1400	7400
					Annual Mean	<7200		
					Annual Max	<7200	1,	
	Fluoranthene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
				Dewatering Cake	03/07/2023	ND	4800	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND	6200	19000
					Annual Mean	<16000		
					Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
			Parka di y	Dewatering Cake	03/07/2023	ND	4200	
				Dewatering Cake		ND	25000	
					04/04/2023			
					05/02/2023	ND	5300	17000
					Annual Mean	<25000		
					Annual Max	<25000		
	Fluoranthene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4100	13000
	weight			Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	2900	10000 9000
					05/02/2023	ND	1500	4500
					Annual Mean	<4100		
					Annual Max	<4100	1	
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4000	12000
		L. A 02/00	P9/N9		03/07/2023	ND	1200	10000
				Dewatering Cake				
					04/04/2023	ND	6800	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6800		
					Annual Max	<6800		
	Fluorene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
				Dewatering Cake	03/07/2023	ND	5200	40000
				.3	04/04/2023	ND	12000	36000
					05/02/2023	ND	6200	19000
					Annual Mean	<16000	3200	10000
					Annual Max	<16000	_	
		EDA 92700	ua/ka dm.	Diont 2			15000	45000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	4500	35000
					04/04/2023	ND	25000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<25000		
					Annual Max	<25000		
	Fluorene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4100	13000
	weight		1 5 9	Dewatering Cake	03/07/2023	ND	1300	10000
					04/04/2023	ND	3000	9000
					05/02/2023	ND	1500	4500
							1000	4500
					Annual Mean	<4100		
					Annual Max	<4100		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4100	12000
				Dewatering Cake	03/07/2023	ND	1300	10000
				_	04/04/2023	ND	6900	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<6900	1.000	1
					Annual Max	<6900	_	
	Hoveebler-1	EDA 00700		Diont 4			1100	2000
	Hexachlorobenze	EPA 82/00	μg/kg dry	Plant 1	01/10/2023	ND	1100	3800
	ne			Dewatering Cake	03/07/2023	ND	7200	40000
					04/04/2023	ND	10000	36000
		]			05/02/2023	ND	5400	19000
					Annual Mean	<10000		

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	1100	3700
				Dewatering Cake	03/07/2023	ND	6300	35000
					05/02/2023	ND	4900	17000
					Annual Mean	<6300		
					Annual Max	<6300		
	Hexachlorobenze	FPA 8270€	μg/kg	Plant 1	01/10/2023	ND	290	1000
		LI A 02/00	µg/kg	Dewatering Cake	03/07/2023	ND	1800	10000
	ne wet weight			Dewatering Cake				
					04/04/2023	ND	2600	9000
					05/02/2023	ND	1300	4500
					Annual Mean	<2600		
					Annual Max	<2600		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	290	1000
		217102700	M9/N9	Dewatering Cake	03/07/2023	ND	1800	10000
				Dewatering Cake	05/02/2023	ND	1300	4400
							1300	4400
					Annual Mean	<1800		
					Annual Max	<1800		
	Hexachlorobutadi	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	1600	3800
	ene			Dewatering Cake	03/07/2023	ND	4000	40000
				9 -	04/04/2023	ND	15000	36000
					05/02/2023	ND	7900	19000
							7 900	19000
					Annual Mean	<15000		
					Annual Max	<15000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	1500	3700
				Dewatering Cake	03/07/2023	ND	3500	35000
				.3	04/04/2023	ND	31000	77000
					05/02/2023	ND	6800	17000
							0000	17000
					Annual Mean	<31000		
					Annual Max	<31000		
	Hexachlorobutadi	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	410	1000
	ene wet weight			Dewatering Cake	03/07/2023	ND	1000	10000
					04/04/2023	ND	3700	9000
					05/02/2023	ND	1900	4500
					Annual Mean	<3700	1300	7300
					Annual Max	<3700		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	410	1000
				Dewatering Cake	03/07/2023	ND	1000	10000
					04/04/2023	ND	8600	21000
					05/02/2023	ND	1800	4400
						<8600	1.000	7-00
					Annual Mean			
					Annual Max	<8600		
	Hexachlorocyclop	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	27000	95000
	entadiene			Dewatering Cake	03/07/2023	ND	30000	120000
				-	04/04/2023	ND	20000	71000
					05/02/2023	ND	11000	38000
					Annual Mean	<30000	1.1000	30000
					Annual Max	<30000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	26000	94000
		LI / COZ/ CO						
		217102700		Dewatering Cake	03/07/2023	ND	26000	100000
		217102700		Dewatering Cake	03/07/2023		26000	
		217102700		Dewatering Cake	03/07/2023 04/04/2023	ND ND	26000 44000	150000
		217102700		Dewatering Cake	03/07/2023 04/04/2023 05/02/2023	ND ND ND	26000	
		EI 7 (02/00		Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <44000	26000 44000	150000
					03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <44000	26000 44000 9500	150000 33000
	Hexachlorocyclop		μg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <44000 <44000 ND	26000 44000 9500 7100	150000 33000 25000
	entadiene wet		μg/kg		03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <44000 <44000 ND ND	26000 44000 9500 7100 7500	150000 33000 25000 30000
			µg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <44000 <44000 ND	26000 44000 9500 7100	150000 33000 25000
	entadiene wet		μg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	ND ND ND <44000 <44000 ND ND ND ND	26000 44000 9500 7100 7500 5100	150000 33000 25000 30000 18000
	entadiene wet		μg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <44000 <44000 ND ND ND ND ND	26000 44000 9500 7100 7500	150000 33000 25000 30000
	entadiene wet		μg/kg	Plant 1	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <44000 <44000 ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100	150000 33000 25000 30000 18000
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <44000 <44000 ND ND ND ND ND ND ND <7500	26000 44000 9500 7100 7500 5100 2600	150000 33000 25000 30000 18000 9100
	entadiene wet		µg/kg	Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600	150000 33000 25000 30000 18000 9100
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <44000 <44000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500	150000 33000 25000 30000 18000 9100 25000 30000
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000	150000 33000 25000 30000 18000 9100 25000 30000 42000
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	ND ND ND <44000 <44000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000	150000 33000 25000 30000 18000 9100 25000 30000
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500	150000 33000 25000 30000 18000 9100 25000 30000 42000
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000	150000 33000 25000 30000 18000 9100 25000 30000 42000
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800
	entadiene wet	EPA 8270C		Plant 1 Dewatering Cake Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean 01/10/2023 03/07/2023	ND ND ND <44000 <44000 ND ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean 01/10/2023 03/07/2023	ND ND ND <44000 <44000 ND ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND <7500 <7500 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000
	entadiene wet weight	EPA 8270C	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000
	entadiene wet weight	EPA 8270C  EPA 8270C	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	ND ND ND <a href="https://www.nc&lt;/td&gt;&lt;td&gt;26000&lt;br&gt;44000&lt;br&gt;9500&lt;br&gt;7100&lt;br&gt;7500&lt;br&gt;5100&lt;br&gt;2600&lt;br&gt;7500&lt;br&gt;12000&lt;br&gt;2500&lt;br&gt;26000&lt;br&gt;8800&lt;br&gt;19000&lt;br&gt;10000&lt;/td&gt;&lt;td&gt;150000&lt;br&gt;33000&lt;br&gt;25000&lt;br&gt;30000&lt;br&gt;18000&lt;br&gt;9100&lt;br&gt;25000&lt;br&gt;30000&lt;br&gt;42000&lt;br&gt;8800&lt;br&gt;95000&lt;br&gt;40000&lt;br&gt;71000&lt;br&gt;38000&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;entadiene wet&lt;br&gt;weight&lt;/td&gt;&lt;td&gt;EPA 8270C&lt;/td&gt;&lt;td&gt;μg/kg&lt;/td&gt;&lt;td&gt;Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake&lt;/td&gt;&lt;td&gt;03/07/2023&lt;br&gt;04/04/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;br&gt;01/10/2023&lt;br&gt;03/07/2023&lt;br&gt;04/04/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;br&gt;01/10/2023&lt;br&gt;03/07/2023&lt;br&gt;04/04/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;br&gt;01/10/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;br&gt;01/10/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;br&gt;01/10/2023&lt;br&gt;05/02/2023&lt;br&gt;05/02/2023&lt;br&gt;Annual Mean&lt;br&gt;Annual Max&lt;/td&gt;&lt;td&gt;ND ND ND &lt;a href=" https:="" td="" www.nc<=""><td>26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000 10000</td><td>150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000 38000</td></a>	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000 10000	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000 38000
	entadiene wet weight	EPA 8270C  EPA 8270C	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023 O5/02/2023	ND ND ND <44000 <444000 ND ND ND ND ND ND ND ND ND ND ND ND ND	26000 44000 9500 7100 7500 5100 2600 7000 7500 12000 2500 26000 8800 19000 10000	150000 33000 25000 30000 18000 9100 25000 30000 42000 8800 95000 40000 71000 38000
	entadiene wet weight	EPA 8270C  EPA 8270C	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean Annual Max	ND ND ND		

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					Annual Mean Annual Max	<6800 <6800		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	6700	25000
		LI A 02/00	μg/kg	Dewatering Cake	03/07/2023	ND	2200	10000
				25 Matoring Oake	04/04/2023	ND	11000	42000
					05/02/2023	ND	2400	8800
					Annual Mean	<11000		
					Annual Max	<11000		
	Indeno(1,2,3-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	20000	50000
	cd)pyrene		13 3 7	Dewatering Cake	03/07/2023	ND	7200	40000
					04/04/2023	ND	15000	36000
					05/02/2023	ND	7900	19000
					Annual Mean	<20000		
					Annual Max	<20000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	19000	45000
				Dewatering Cake	03/07/2023	ND	6300	35000
					04/04/2023	ND	31000	77000
					05/02/2023	ND	6800	17000
					Annual Mean	<31000		
					Annual Max	<31000		
	Indeno(1,2,3-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	5200	13000
	cd)pyrene wet			Dewatering Cake	03/07/2023	ND	1800	10000
	weight				04/04/2023	ND	3700	9000
					05/02/2023	ND	1900	4500
					Annual Mean	<5200		
					Annual Max	<5200		46
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	5100	12000
				Dewatering Cake	03/07/2023	ND	1800	10000
					04/04/2023	ND	8600	21000
					05/02/2023	ND	1800	4400
					Annual Mean	<8600		
					Annual Max	<8600		
	Isophorone	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
				Dewatering Cake	03/07/2023	ND	5600	40000
					04/04/2023	ND	13000	36000
					05/02/2023	ND	6600	19000
				Annual Mean	<17000			
		EDA 00700	4	DI 10	Annual Max	<17000	40000	45000
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
				Dewatering Cake	03/07/2023	ND	4900	35000
					04/04/2023	ND ND	27000	77000
					05/02/2023	<27000	5700	17000
					Annual Mean	<27000		
	loophoropo wot	EPA 8270C	ua/ka	Plant 1	Annual Max 01/10/2023	ND	4400	13000
	Isophorone wet	EPA 62/0C	μg/kg	Dewatering Cake	03/07/2023	ND ND	1400	10000
	weight			Dewatering Cake	04/04/2023	ND	3200	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4400	1000	4300
					Annual Max	<4400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4400	12000
			P9/N9	Dewatering Cake	03/07/2023	ND	1400	10000
				Domatching Oake	04/04/2023	ND	7400	21000
					05/02/2023	ND ND	1500	4400
					Annual Mean	<7400	1.000	1,400
					Annual Max	<7400		
	Naphthalene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND ND	16000	95000
	,		13.3	Dewatering Cake	03/07/2023	ND	4400	40000
					04/04/2023	ND	11000	71000
					05/02/2023	ND	6200	38000
					Annual Mean	<16000	1	1.2222
					Annual Max	<16000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	94000
			, ,	Dewatering Cake	03/07/2023	ND	4200	35000
					04/04/2023	ND	25000	150000
					05/02/2023	ND	5300	33000
					Annual Mean	<25000		
		<u> </u>			Annual Max	<25000		
	Naphthalene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4100	25000
	weight			Dewatering Cake	03/07/2023	ND	1100	10000
					04/04/2023	ND	2900	18000
					05/02/2023	ND	1500	9100
					Annual Mean	<4100		
					Annual Max	<4100		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4000	25000
			_	Dewatering Cake	03/07/2023	ND	1200	10000
				_	04/04/2023	ND	6800	42000
					05/02/2023	ND	1400	8800
					Annual Mean	<6800		
			i	i i	Annual Max	<6800		

Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
Nitrobenzene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	16000	50000
			Dewatering Cake	03/07/2023	ND	7200	160000
			-	04/04/2023	ND	12000	36000
				05/02/2023	ND	6200	19000
						0200	19000
				Annual Mean	<16000		
				Annual Max	<16000		
	EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
		, ,	Dewatering Cake	03/07/2023	ND	6300	140000
			Dowatoring Cano				
				04/04/2023	ND	26000	77000
				05/02/2023	ND	5700	17000
				Annual Mean	<26000		
				Annual Max	<26000		
	== 1 00=00					1000	10000
Nitrobenzene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4300	13000
weight			Dewatering Cake	03/07/2023	ND	1800	40000
			_	04/04/2023	ND	3100	9000
				05/02/2023	ND	1500	4500
						1300	4300
				Annual Mean	<4300		
				Annual Max	<4300		
	EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4200	12000
	LI / COLI CO	rg/Ng					
			Dewatering Cake	03/07/2023	ND	1800	40000
				04/04/2023	ND	7200	21000
				05/02/2023	ND	1500	4400
				Annual Mean	<7200		
	<del></del>			Annual Max	<7200		
N-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	4600	15000
Nitrosodimethyla			Dewatering Cake	03/07/2023	ND	6000	40000
mine			.5	05/02/2023	ND	21000	74000
IIIIIIE						2 1000	14000
				Annual Mean	<21000		
				Annual Max	<21000		
	EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	4500	15000
	LI 7 02700	µg/kg diy					
			Dewatering Cake	03/07/2023	ND	5200	35000
				05/02/2023	ND	20000	68000
				Annual Mean	<20000		
				Annual Max	<20000		
N-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	1200	4000
Nitrosodimethyla		Dewatering Cake	03/07/2023	ND	1500	10000	
mine wet weight			9 -	05/02/2023	ND	5200	18000
mine wet weight						3200	10000
				Annual Mean	<5200		
				Annual Max	<5200		
	EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	1200	4000
	LI / COLI CO	Parka			ND	1500	10000
			Dewatering Cake	03/07/2023			
				05/02/2023	ND	5200	18000
				Annual Mean	<5200		
				Annual Max	<5200		
NI NIIA	EDA 00700		DI44			4.4000	05000
N-Nitroso-di-n-	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	14000	95000
propylamine			Dewatering Cake	03/07/2023	ND	5200	40000
				04/04/2023	ND	10000	71000
				05/02/2023		5400	
				100/02/2023	ND	5400	38000
	1	1	1				1
				Annual Mean	<14000		
					<14000 <14000		
	FPA 8270C	ua/ka dry	Plant 2	Annual Mean Annual Max	<14000	13000	94000
	EPA 8270C	μg/kg dry	Plant 2	Annual Mean Annual Max 01/10/2023	<14000 ND	13000	94000
	EPA 8270C	μg/kg dry	Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND	4500	35000
	EPA 8270C	μg/kg dry		Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<14000 ND ND ND	4500 22000	35000 150000
	EPA 8270C	µg/kg dry		Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND	4500	35000
	EPA 8270C	μg/kg dry		Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	<14000 ND ND ND ND	4500 22000	35000 150000
	EPA 8270C	μg/kg dry		Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean	<14000 ND ND ND ND ND ND <22000	4500 22000	35000 150000
NATE:			Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND ND <22000 <22000	4500 22000 4900	35000 150000 33000
N-Nitroso-di-n-	EPA 8270C	μg/kg dry	Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<14000 ND ND ND ND ND <22000 <22000 ND	4500 22000 4900 3600	35000 150000 33000 25000
N-Nitroso-di-n- propylamine wet			Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND ND <22000 <22000	4500 22000 4900 3600	35000 150000 33000
propylamine wet			Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND ND ND ND ND ND ND ND ND ND <222000 <22000 ND ND ND	4500 22000 4900 3600 1300	35000 150000 33000 25000 10000
			Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<14000 ND ND ND ND ND ND ND ND ND ND <222000 <222000 ND ND ND ND ND	4500 22000 4900 3600 1300 2600	35000 150000 33000 25000 10000 18000
propylamine wet			Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	<14000 ND ND ND ND ND	4500 22000 4900 3600 1300	35000 150000 33000 25000 10000
propylamine wet			Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600	35000 150000 33000 25000 10000 18000
propylamine wet			Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023	<14000 ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600	35000 150000 33000 25000 10000 18000
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND ND ND ND  <22000  <22000 ND ND ND ND ND  <3600 <3600	4500 22000 4900 3600 1300 2600 1300	35000 150000 33000 25000 10000 18000 9100
propylamine wet			Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 05/02/2023 Annual Mean Annual Mean Annual Max	<14000 ND ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300	35000 150000 33000 25000 10000 18000 9100
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<14000 ND ND ND ND ND ND ND ND 22000 </22000 ND ND ND ND ND ND ND ND ND ND ND ND ND</td <td>4500 22000 4900 3600 1300 2600 1300</td> <td>35000 150000 33000 25000 10000 18000 9100</td>	4500 22000 4900 3600 1300 2600 1300	35000 150000 33000 25000 10000 18000 9100
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023	<14000 ND ND ND ND ND ND ND ND 22000 </22000 ND ND ND ND ND ND ND ND ND ND ND ND ND</td <td>4500 22000 4900 3600 1300 2600 1300 3600 1300 6000</td> <td>35000 150000 33000 25000 10000 18000 9100 25000 10000 42000</td>	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023	<14000 ND ND ND ND ND ND  <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000
propylamine wet	EPA 8270C	µg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000
propylamine wet weight	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max Annual Max	<14000 ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800
propylamine wet	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max Annual Max	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000
propylamine wet weight	EPA 8270C	µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000
propylamine wet weight	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 03/07/2023 03/07/2023	<14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 15000 7600 11000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023	<14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 15000 7600 11000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean	<14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 15000 7600 11000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 05/02/2023 Annual Mean	<14000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 15000 7600 11000	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 6000 1300 15000 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000 45000 35000 77000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 03/07/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 6000 1300 15000 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000
propylamine wet weight  N- Nitrosodiphenyla	EPA 8270C  EPA 8270C	μg/kg μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 03/07/2023 04/04/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 03/07/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023 05/02/2023 Annual Mean Annual Max 01/10/2023	<14000 ND ND ND ND ND ND <22000 <22000 ND ND ND ND ND ND ND ND ND ND ND ND ND	4500 22000 4900 3600 1300 2600 1300 3600 1300 6000 1300 7600 11000 6200	35000 150000 33000 25000 10000 18000 9100 25000 10000 42000 8800 50000 40000 36000 19000 45000 35000 77000

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	N-	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	4000	13000
	Nitrosodiphenyla			Dewatering Cake	03/07/2023	ND	1900	10000
	mine wet weight				04/04/2023	ND	2900	9000
					05/02/2023	ND <4000	1500	4500
					Annual Mean Annual Max	<4000		
		EPA 8270C	ua/ka	Plant 2	01/10/2023	ND	4000	12000
		LFA 02/0C	µg/kg	Dewatering Cake	03/07/2023	ND	1900	10000
				Dewatering Cake	04/04/2023	ND	6700	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6700	1400	4400
					Annual Max	<6700		
	Pentachloropheno	EDA 8270C	μg/kg dry	Plant 1	05/02/2023	ND	37000	74000
	I	LI A 02/00	µg/kg diy	Dewatering Cake	Annual Mean	<37000	37000	74000
				Dewatering Cake	Annual Max	<37000		
		EPA 8270C	μg/kg dry	Plant 2	05/02/2023	ND	33000	68000
		LI A 02/00	µg/kg diy	Dewatering Cake	Annual Mean	<33000	33000	00000
				Dewatering Cake	Annual Max	<33000		
	Pentachloropheno	EDA 8270C	μg/kg	Plant 1	05/02/2023	ND	9000	18000
	I wet weight	LFA 02/0C	µg/kg	Dewatering Cake	Annual Mean	<9000	9000	10000
	i wet weight			Dewatering Cake		<9000		
		EPA 8270C	ug/kg	Plant 2	Annual Max 05/02/2023	ND	8700	18000
		EFA 02/00	µg/kg				0100	10000
				Dewatering Cake	Annual Mean	<8700		
	Dhar th-	EDA 00700		Diam 4	Annual Max	<8700	45000	E0000
	Phenanthrene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	50000
				Dewatering Cake	03/07/2023	ND	4800	40000
					04/04/2023	ND	11000	36000
					05/02/2023	ND .45000	5800	19000
					Annual Mean	<15000		
		== A 00==		D. 46	Annual Max	<15000	1505-	1500-
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	45000
				Dewatering Cake	03/07/2023	ND	4200	35000
					04/04/2023	ND	24000	77000
					05/02/2023	ND	5300	17000
					Annual Mean	<24000		
					Annual Max	<24000		
	Phenanthrene wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	13000
	weight			Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	2800	9000
					05/02/2023	ND	1400	4500
					Annual Mean	<3900		
					Annual Max	<3900		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	12000
				Dewatering Cake	03/07/2023	ND	1200	10000
					04/04/2023	ND	6600	21000
					05/02/2023	ND	1400	4400
					Annual Mean	<6600		
					Annual Max	<6600		
	Phenol	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	46000 DNQ	30000	95000
				Dewatering Cake	03/07/2023	15000 DNQ	7600	40000
				_	04/04/2023	ND	23000	71000
					05/02/2023	54000	12000	38000
					Annual Mean	34000 DNQ		
					Annual Max	54000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	100000	30000	94000
		- /-	. 5 5 .,	Dewatering Cake	03/07/2023	ND	6600	35000
				J =	04/04/2023	ND	47000	150000
					05/02/2023	53000	11000	33000
					Annual Mean	52000 DNQ		
					Annual Max	100000		
	Phenol wet weight	EPA 8270C	μg/kg	Plant 1	01/10/2023	12000 DNQ	7900	25000
	wot worght		בייים	Dewatering Cake	03/07/2023	3800 DNQ	1900	10000
				25.vatoring oake	04/04/2023	ND	5700	18000
					05/02/2023	13000	2900	9100
					Annual Mean	8600 DNQ	2000	0.100
					Annual Max	13000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	27000	7900	25000
			H9/N9	Dewatering Cake	03/07/2023	ND	1900	10000
				Dewatering Cake	04/04/2023	ND	13000	42000
						14000	2800	8800
					05/02/2023		2000	0000
					Annual Mean	14000 DNQ		
	<u> </u>	EDA 0075		DI	Annual Max	27000	17000	50000
	Pyrene	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	17000	50000
				Dewatering Cake	03/07/2023	ND	6000	40000
					04/04/2023	ND	13000	36000
					05/02/2023	ND	6600	19000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	16000	45000
		I		Dewatering Cake	03/07/2023	ND	5200	35000

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
					04/04/2023	ND	27000	77000
					05/02/2023	ND	5700	17000
					Annual Mean	<27000		
	Dyrono wot woight	EDA 9270C	ua/ka	Plant 1	Annual Max	<27000 ND	4400	13000
	Pyrene wet weight	EPA 8270C	µg/kg	Dewatering Cake	01/10/2023 03/07/2023	ND ND	4400 1500	10000
				Dewatering Cake	04/04/2023	ND	3200	9000
					05/02/2023	ND	1600	4500
					Annual Mean	<4400	1000	4300
					Annual Max	<4400		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	4400	12000
		LI /( 02/ 00	P9/N9	Dewatering Cake	03/07/2023	ND	1500	10000
				Dowatoring Cano	04/04/2023	ND	7400	21000
					05/02/2023	ND	1500	4400
					Annual Mean	<7400		1.00
					Annual Max	<7400		
	Pyridine	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	46000	95000
	,		13.3	Dewatering Cake	03/07/2023	ND	6400	40000
					04/04/2023	ND	35000	71000
					05/02/2023	ND	18000	38000
					Annual Mean	<46000		
					Annual Max	<46000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	45000	94000
				Dewatering Cake	03/07/2023	5900 DNQ	5600	35000
				3	04/04/2023	ND	73000	150000
					05/02/2023	ND	16000	33000
					Annual Mean	35000 DNQ		
					Annual Max	5900 DNQ		
	Pyridine wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	12000	25000
	weight		. 5 5	Dewatering Cake	03/07/2023	ND	1600	10000
					04/04/2023	ND	8800	18000
					05/02/2023	ND	4400	9100
					Annual Mean	<12000		
					Annual Max	<12000		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	12000	25000
			0	Dewatering Cake	03/07/2023	1700 DNQ	1600	10000
				3	04/04/2023	ND	20000	42000
					05/02/2023	ND	4300	8800
					Annual Mean	9500 DNQ		
					Annual Max	1700 DNQ		
	Total Cresols	EPA 8270C	μg/kg dry	Plant 1	01/10/2023	ND	15000	95000
				Dewatering Cake	03/07/2023	ND	17000	80000
				, and a	04/04/2023	ND	11000	71000
					05/02/2023	ND	5800	38000
					Annual Mean	<17000		
					Annual Max	<17000		
		EPA 8270C	μg/kg dry	Plant 2	01/10/2023	ND	15000	94000
				Dewatering Cake	03/07/2023	ND	15000	70000
					04/04/2023	ND	24000	150000
					05/02/2023	22000 DNQ	5300	33000
					Annual Mean	19000 DNQ		
					Annual Max	22000 DNQ		
	Total Cresols wet	EPA 8270C	μg/kg	Plant 1	01/10/2023	ND	3900	25000
	weight			Dewatering Cake	03/07/2023	ND	4300	20000
					04/04/2023	ND	2800	18000
					05/02/2023	ND	1400	9100
					Annual Mean	<4300		
					Annual Max	<4300		
		EPA 8270C	μg/kg	Plant 2	01/10/2023	ND	3900	25000
				Dewatering Cake	03/07/2023	ND	4300	20000
					04/04/2023	ND	6500	42000
					05/02/2023	5900 DNQ	1400	8800
					Annual Mean	5200 DNQ		
					Annual Max	5900 DNQ		
Organochlorine	Aldrin	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	24	76
Pesticides				Dewatering Cake	Annual Mean	<24		
		EDA 00015		DI 16	Annual Max	<24	00	7.4
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	22	71
				Dewatering Cake	Annual Mean	<22		
	Alabaia ( )	EDA 00045	P	Di ( 4	Annual Max	<22 ND	0.0	00
	Aldrin wet weight	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	6.3	20
				Dewatering Cake	Annual Mean	<6.3		
		== A 00-:-		D	Annual Max	<6.3		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	6.0	19
				Dewatering Cake	Annual Mean	<6.0		
					Annual Max	<6.0		
	alpha-BHC	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	8.8	76
				Dewatering Cake	Annual Mean	<8.8		
					Annual Max	<8.8		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	8.2	71

	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				Dewatering Cake	Annual Mean	<8.2		
	1.1. 5110. 1	EDA 0004B		DI 1.1	Annual Max	<8.2	0.0	00
	alpha-BHC wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.3	20
	weight			Dewatering Cake	Annual Mean	<2.3		
		== 1 000 / P		D1 10	Annual Max	<2.3		10
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.2	19
				Dewatering Cake	Annual Mean	<2.2		
					Annual Max	<2.2		
	alpha-Chlordane	EPA 8081B	µg/kg	Plant 1	01/10/2023	ND	2.2	20
	wet weight			Dewatering Cake	Annual Mean	<2.2		
					Annual Max	<2.2		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.1	19
				Dewatering Cake	Annual Mean	<2.1		
					Annual Max	<2.1		
	beta-BHC	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	14	76
				Dewatering Cake	Annual Mean	<14		
					Annual Max	<14		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	13	71
			100	Dewatering Cake	Annual Mean	<13		
				3 -	Annual Max	<13		
	beta-BHC wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	3.6	20
	weight		L-99	Dewatering Cake	Annual Mean	<3.6	1	
				25a.sinig cake	Annual Max	<3.6		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	3.4	19
		- A 000 IB	Ma, Ma	Dewatering Cake	Annual Mean	<3.4	0.4	13
				Dewatering Cake	Annual Mean Annual Max	<3.4		+
	Chlordono	EDA 0004D	ua/ka d=:	Plant 1	01/10/2023	<3.4 ND	61	300
	Chlordane	EPA 8081B	µg/kg dry				61	380
				Dewatering Cake	Annual Mean	<61		
		EDA 00045		DI	Annual Max	<61		250
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	56	350
				Dewatering Cake	Annual Mean	<56		
			6		Annual Max	<56		
	Chlordane wet	EPA 8081B	µg/kg	Plant 1	01/10/2023	ND	16	99
	weight			Dewatering Cake	Annual Mean	<16		
					Annual Max	<16		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	15	94
				Dewatering Cake	Annual Mean	<15		
					Annual Max	<15		
	delta-BHC	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	14	76
				Dewatering Cake	Annual Mean	<14		
				1	Annual Max	<14		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	13	71
				Dewatering Cake	Annual Mean	<13		
					Annual Max	<13		
	delta-BHC wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	3.7	20
	weight	-	0	Dewatering Cake	Annual Mean	<3.7		
				3	Annual Max	<3.7		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	3.5	19
			F-9-119	Dewatering Cake		<3.5		1.*
				Candidaning Ounce	Annual Max	<3.5		
	Dieldrin	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	8.4	76
	Diolaini		Maring dry	Dewatering Cake	Annual Mean	<8.4	J	1.0
				Domaioing Cake	Annual Max	<8.4		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	7.9	71
	1	L 7 000 ID	pg/ng ury	I IUIIL Z			11.0	17.1
				Dewatering Cake				
				Dewatering Cake	Annual Mean	<7.9		
	Dieldrin wot	EDV 8U81D	ug/kg		Annual Mean Annual Max	<7.9 <7.9	2.2	20
	Dieldrin wet	EPA 8081B	μg/kg	Plant 1	Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND	2.2	20
	Dieldrin wet weight	EPA 8081B	μg/kg		Annual Mean Annual Max 01/10/2023 Annual Mean	<7.9 <7.9 ND <2.2	2.2	20
				Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2		
		EPA 8081B	μg/kg μg/kg	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND <2.2 <2.2 ND	2.2	20
				Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1		
	weight	EPA 8081B	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1	2.1	19
				Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 ND <2.1 ND		
	weight	EPA 8081B	μg/kg	Plant 1 Dewatering Cake Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 ND <4.11 ND <16	2.1	19
	weight	EPA 8081B EPA 8081B	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 <16	2.1	19 76
	weight	EPA 8081B	μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2  Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 ND	2.1	19
	weight	EPA 8081B EPA 8081B	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 ND <15	2.1	19 76
	weight  Endosulfan 1	EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <16 <16 ND <15 <15	2.1	19 76
	weight	EPA 8081B  EPA 8081B  EPA 8081B	μg/kg μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <15 ND <15 ND <15 ND	2.1	19 76
	weight  Endosulfan 1	EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean	<7.9 <7.9 ND <2.2 <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 <16 ND <15 ND <4.2 ND <4.2	2.1	19 76
	Endosulfan 1  Endosulfan 1 wet	EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND <2.2 <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <15 ND <15 ND <15 ND	2.1	19 76
	Endosulfan 1  Endosulfan 1 wet	EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 <16 ND <15 ND <4.2 ND <4.2	2.1	19 76
	Endosulfan 1  Endosulfan 1 wet	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 ND <15 ND <4.2 <4.2 ND	2.1 16 15 4.2	19 76 71 20
	Endosulfan 1  Endosulfan 1 wet	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 <17 <17 <17 <17 <17 <17 <17 <17 <17 <17	2.1 16 15 4.2	19 76 71 20
	Endosulfan 1  Endosulfan 1 wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 ND <15 <15 ND <4.2 ND <4.2 <4.2 ND <4.0 <4.0	2.1 16 15 4.2 4.0	19 76 71 20
	Endosulfan 1  Endosulfan 1 wet	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <15 <16 ND <15 <15 ND <4.2 <4.2 <4.2 ND <4.0 <4.0 73 DNQ	2.1 16 15 4.2	19 76 71 20
	Endosulfan 1  Endosulfan 1 wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <15 <16 ND <4.2 <4.2 <4.2 ND <4.0 <4.0 73 DNQ 73 DNQ 73 DNQ	2.1 16 15 4.2 4.0	19 76 71 20
	Endosulfan 1  Endosulfan 1 wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg  μg/kg  μg/kg  μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<7.9 <7.9 ND <2.2 <2.2 <2.2 ND <2.1 <2.1 ND <16 <16 ND <15 <15 <10 <10 <10 <10 <10 <10 <10 <10 <10 <10	2.1 16 15 4.2 4.0	19 76 71 20 19
	Endosulfan 1  Endosulfan 1 wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	μg/kg dry  μg/kg dry  μg/kg dry  μg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean	<7.9 <7.9 ND <2.2 <2.2 ND <2.1 <2.1 ND <16 ND <15 <16 ND <4.2 <4.2 <4.2 ND <4.0 <4.0 73 DNQ 73 DNQ 73 DNQ	2.1 16 15 4.2 4.0	19 76 71 20

ory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
	Endosulfan 2 wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	19 DNQ	2.2	20
	weight			Dewatering Cake	Annual Mean	19 DNQ		
					Annual Max	19 DNQ		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.1	19
				Dewatering Cake	Annual Mean	<2.1		
	E 1 16	EDA 0004B	, ,	DI 14	Annual Max	<2.1	0.5	70
	Endosulfan	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	9.5	76
	Sulfate			Dewatering Cake	Annual Mean	<9.5		
		EDA 0004B	, ,	DI 10	Annual Max	<9.5	0.0	74
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND 10.0	9.0	71
				Dewatering Cake	Annual Mean	<9.0		
	F.,	EDA 0004D		DI+ 4	Annual Max	<9.0	0.5	00
	Endosulfan	EPA 8081B	µg/kg	Plant 1	01/10/2023	ND	2.5	20
	Sulfate wet weight			Dewatering Cake	Annual Mean	<2.5		
		EDA 0004D		DI+ O	Annual Max	<2.5	0.4	40
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.4	19
				Dewatering Cake	Annual Mean	<2.4		
	<del></del>	EDA 0004B		DI 14	Annual Max	<2.4	40	70
	Endrin	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	10	76
				Dewatering Cake	Annual Mean	<10		
		===		DI 10	Annual Max	<10		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	9.4	71
				Dewatering Cake	Annual Mean	<9.4		
					Annual Max	<9.4	g =	
	Endrin wet weight	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.7	20
				Dewatering Cake	Annual Mean	<2.7		
					Annual Max	<2.7		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.5	19
				Dewatering Cake	Annual Mean	<2.5		
					Annual Max	<2.5		
	Endrin Aldehyde	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	50	76
				Dewatering Cake	Annual Mean	<50		
					Annual Max	<50		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	45	71
				Dewatering Cake	Annual Mean	<45		
					Annual Max	<45		
	Endrin Aldehyde	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	13	20
	wet weight		_	Dewatering Cake	Annual Mean	<13		
	-				Annual Max	<13		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	12	19
				Dewatering Cake	Annual Mean	<12		
					Annual Max	<12		
	Endrin Ketone	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	14	76
			100,	Dewatering Cake	Annual Mean	<14		
					Annual Max	<14		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	13	71
			13 3 7	Dewatering Cake	Annual Mean	<13		
					Annual Max	<13		
	Endrin Ketone	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	3.6	20
	wet weight		1-33	Dewatering Cake		<3.6		
				i i i i i i i i i i i i i i i i i i i	Annual Max	<3.6		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	3.4	19
			רטי יש	Dewatering Cake	Annual Mean	<3.4	5.1	
				25a.oring care	Annual Max	<3.4		
	gamma-BHC	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	7.6	76
	94.111114-0110		Maring ally	Dewatering Cake	Annual Mean	<7.6	7.0	
				25. ratoring oake	Annual Max	<7.6		<del></del>
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	7.1	71
			Maring ally	Dewatering Cake	Annual Mean	<7.1	1.1	<del></del>
				25. ratoring oake	Annual Max	<7.1		<del></del>
	gamma-BHC wet	FPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.0	20
	weight	L. 7. 000 ID	P9/N9	Dewatering Cake	Annual Mean	<2.0	2.0	
	Weight			Dowaleing Cake	Annual Max	<2.0		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	1.9	19
		FI V ONO ID	P9/N9	Dewatering Cake	Annual Mean	<1.9	1.3	13
				Dewatering Cake		<1.9		
	gamma	EPA 8081B	ug/kg	Plant 1	Annual Max	<1.9 ND	12	120
	gamma-	EFA 000 IB	µg/kg		01/10/2023		13	20
	Chlordane wet			Dewatering Cake	Annual Mean	<13		
	weight	EDA 00045		Diecto	Annual Max	<13	10	40
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	13	19
				Dewatering Cake	Annual Mean	<13		
			, .		Annual Max	<13		
	Heptachlor	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	9.2	76
				Dewatering Cake	Annual Mean	<9.2		
					Annual Max	<9.2		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	8.6	71
				Dewatering Cake	Annual Mean	<8.6		
					Annual Max	<8.6		
	Heptachlor wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.4	20
		–	1.00		Annual Mean	<2.4		

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		EDA 9094B	ug/kg	Plant 2	Annual Max 01/10/2023	<2.4 ND	2.3	19
		EPA 8081B	µg/kg	Dewatering Cake	Annual Mean	ND <2.3	2.3	19
				Dewatering Cake	Annual Max	<2.3		
	Heptachlor	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	8.0	76
	Epoxide	LI A OOO ID	µg/kg diy	Dewatering Cake	Annual Mean	<8.0	0.0	10
	Ероліче			Dewatering Cake	Annual Max	<8.0		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND ND	7.5	71
		2.7.000.2	F5/115 417	Dewatering Cake	Annual Mean	<7.5	7.0	1
				Domaiog Canto	Annual Max	<7.5		
	Heptachlor	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.1	20
	Epoxide wet		1-33	Dewatering Cake	Annual Mean	<2.1		
	weight			3 -	Annual Max	<2.1		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.0	19
			13. 3	Dewatering Cake	Annual Mean	<2.0		
					Annual Max	<2.0		
	Kepone	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	130	380
				Dewatering Cake	Annual Mean	<130		
					Annual Max	<130		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	120	350
				Dewatering Cake	Annual Mean	<120		
					Annual Max	<120		
	Kepone wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	33	99
	weight			Dewatering Cake	Annual Mean	<33		
					Annual Max	<33		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	31	94
				Dewatering Cake	Annual Mean	<31		
					Annual Max	<31		
	Methoxychlor	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	18	76
				Dewatering Cake	Annual Mean	<18		
					Annual Max	<18		
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	16	71
				Dewatering Cake	Annual Mean	<16		
					Annual Max	<16		
	Methoxychlor wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	4.7	20
	weight			Dewatering Cake	Annual Mean	<4.7		
					Annual Max	<4.7		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	4.4	19
				Dewatering Cake	Annual Mean	<4.4		
					Annual Max	<4.4		
	Mirex	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	17	76
				Dewatering Cake	Annual Mean	<17		
			/Icas alms	μg/kg dry Plant 2 Dewatering Cake A	Annual Max	<17		
		EPA 8081B	µg/kg dry		01/10/2023	ND	16	71
					Annual Mean	<16		
	N 4:	EDA 0004B	//	DI	Annual Max 01/10/2023	<16	4.4	00
	Mirex wet weight	EPA 8081B	µg/kg	Plant 1		ND	4.4	20
			ualka	Dewatering Cake Plant 2	Annual Mean	<4.4 <4.4		
		EPA 8081B			Annual Max 01/10/2023	ND	4.2	19
		EPA 6061B	μg/kg		Annual Mean	<4.2	4.2	19
				Dewatering Cake	Annual Max	<4.2		
	o,p'-DDD	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	11	76
	טטט- φ,ρ	LFA 000 ID	µg/kg ury	Dewatering Cake	Annual Mean	<11	11	10
				Dewatering Cake	Annual Max	<11	+	1
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	10	71
			pg/ng dry	Dewatering Cake	Annual Mean	<10	1'	1
				25.7atoming Oake	Annual Max	<10		
	o,p'-DDD wet	EPA 8081B	µg/kg	Plant 1	01/10/2023	ND	2.9	20
	weight		פיי יפיו	Dewatering Cake	Annual Mean	<2.9	1=	1
					Annual Max	<2.9	1	
				Plant 2	01/10/2023	ND	2.8	19
		EPA 8081B	μg/kg	Plant 2			T	1 -
		EPA 8081B	µg/кg			<2.8		
		EPA 8081B	µg/кg	Dewatering Cake	Annual Mean	<2.8 <2.8		
	o,p'-DDE	EPA 8081B				<2.8 <2.8 ND	53	380
	o,p'-DDE		µg/kg µg/kg dry	Dewatering Cake Plant 1	Annual Mean Annual Max	<2.8 ND	53	380
	o,p'-DDE			Dewatering Cake	Annual Mean Annual Max 01/10/2023	<2.8	53	380
	o,p'-DDE			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 Annual Mean	<2.8 ND <53	53	380
	o,p'-DDE	EPA 8081B	μg/kg dry	Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<2.8 ND <53 <53		
	o,p'-DDE	EPA 8081B	μg/kg dry	Plant 1 Dewatering Cake Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<2.8 ND <53 <53 ND		
	o,p'-DDE	EPA 8081B	µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<2.8 ND <53 <53 ND <49		
		EPA 8081B EPA 8081B	μg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<2.8 ND <53 <53 ND <49 <49 ND ND	49	350
	o,p'-DDE wet	EPA 8081B EPA 8081B	µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean	<2.8 ND <53 <53 ND <49 ND <49 ND <14	49	350
	o,p'-DDE wet	EPA 8081B  EPA 8081B  EPA 8081B	µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean	<2.8 ND <53 <53 ND <49 <49 ND <14 <14	14	350 99
	o,p'-DDE wet	EPA 8081B EPA 8081B	µg/kg dry	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<2.8 ND <53 <53 ND <49 <49 <149 ND <144 ND	49	350
	o,p'-DDE wet	EPA 8081B  EPA 8081B  EPA 8081B	µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 1 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max	<2.8 ND <53 <53 ND <49 <49 <149 ND <14 <14 ND <13	14	350 99
	o,p'-DDE wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Max	<2.8 ND <53 <53 ND <49 <49 ND <14 ND <114 <114 <114 ND <13 <13	14	350 99 94
	o,p'-DDE wet	EPA 8081B  EPA 8081B  EPA 8081B	µg/kg dry  µg/kg dry  µg/kg	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023	<2.8 ND <53 <53 ND <49 <49 ND <14 ND <114 <114 ND <13 ND <13 ND	14	350 99
	o,p'-DDE wet weight	EPA 8081B  EPA 8081B  EPA 8081B  EPA 8081B	µg/kg dry  µg/kg dry  µg/kg  µg/kg	Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max 01/10/2023 Annual Mean Annual Max Annual Max 01/10/2023 Annual Mean Annual Max	<2.8 ND <53 <53 ND <49 <49 ND <14 ND <114 <114 <114 ND <13 <13	14	350 99 94

/	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
				Dewatering Cake	Annual Mean	<13		
					Annual Max	<13		
	o,p'-DDT wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	3.6	20
	weight			Dewatering Cake	Annual Mean Annual Max	<3.6 <3.6	+	+
		EPA 8081B	μg/kg	Plant 2	01/10/2023	<3.6 ND	3.4	19
		EPA 0001B	ру/ку		Annual Mean	<3.4	3.4	19
				Dewatering Cake	Annual Max	<3.4		+
	p,p'-DDD	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	11	76
	p,p -000	LI / COOTB	pg/kg diy		Annual Mean	<11	111	10
					Annual Max	<11		+
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	10	71
			13.3	Dewatering Cake	Annual Mean	<10		
					Annual Max	<10		
	p,p'-DDD wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.8	20
	weight			Dewatering Cake	Annual Mean	<2.8		
					Annual Max	<2.8		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.7	19
				Dewatering Cake	Annual Mean	<2.7		
					Annual Max	<2.7		
	p,p'-DDE	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	10	76
				Dewatering Cake	Annual Mean	<10		
					Annual Max	<10		1
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	9.7	71
				Dewatering Cake	Annual Mean	<9.7	1	
	100-				Annual Max	<9.7	1	1
	p,p'-DDE wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.7	20
	weight			Dewatering Cake	Annual Mean	<2.7		
		EDA 00015		DI 10	Annual Max	<2.7		10
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND 10.0	2.6	19
				Dewatering Cake	Annual Mean	<2.6	1	+
	LDDT	EDA 0004B	, ,	DI 14	Annual Max	<2.6	10	
p,p'	p,p'-DDT	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	18	76
				Dewatering Cake		<18		_
		EDA 0004B	, ,	DI 10	Annual Max	<18	40	
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	16	71
					Annual Mean	<16		
	I DDT t	EDA 0004B	ua/ka	Diant 1	Annual Max	<16	4.0	00
	p,p'-DDT wet	EPA 8081B	μg/kg	Dewatering Cake	01/10/2023	ND	4.6	20
	weight				Annual Mean	<4.6 <4.6		
		EDA 0004B	//	Plant 2	Annual Max 01/10/2023	ND	4.4	19
		EPA 8081B	μg/kg	Dewatering Cake	Annual Mean	<4.4	4.4	19
				Dewatering Cake	Annual Max	<4.4		+
	Total DDTs	EPA 8081B	µg/kg dry	Plant 1	01/10/2023	ND	53	380
	Total DD13	LI A GOOTB	µg/kg diy		Annual Mean	<53	33	1000
				Dowatoring Gaile	Annual Max	<53		+
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	49	350
			P3···3 7	Dewatering Cake		<49	1.2	1
				3 -	Annual Max	<49		
	Total DDTs wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	14	99
	weight			Dewatering Cake	Annual Mean	<14		1
					Annual Max	<14		
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	13	94
				Dewatering Cake	Annual Mean	<13		
					Annual Max	<13		
	Total Heptachlors	EPA 8081B	μg/kg dry	Plant 1	01/10/2023	ND	9.2	76
				Dewatering Cake	Annual Mean	<9.2		
					Annual Max	<9.2		4
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	8.6	71
				Dewatering Cake	Annual Mean	<8.6		+
	<del></del>	EDA 000/=		DI	Annual Max	<8.6	-	100
	Total Heptachlors	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	2.4	20
	wet weight			Dewatering Cake	Annual Mean	<2.4		+
		EDA 00045	ua/ka	Dlant 2	Annual Max	<2.4	2 2	10
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	2.3	19
				Dewatering Cake	Annual Mean Annual Max	<2.3 <2.3		+
	Toxaphene	EPA 8081B	ua/ka da	Plant 1	01/10/2023	<2.3 ND	230	380
	голарпене	LFA 000 1D	μg/kg dry		Annual Mean	<230	230	300
				Dewatering Cake	Annual Max	<230	1	+
		EPA 8081B	μg/kg dry	Plant 2	01/10/2023	ND	220	350
		LFA 000 1D	pg/kg ury		Annual Mean	<220	220	1330
				Dewatering Cake	Annual Max	<220	1	+
	Toxaphene wet	EPA 8081B	μg/kg	Plant 1	01/10/2023	ND	61	99
	weight	LI 7 000 ID	P9/N9		Annual Mean	<61	01	133
	weigilt			Dewatering Cake	Annual Max	<61	1	+
				D1 4.0			58	94
		EDA QOQ1D	Ha/ka					
		EPA 8081B	μg/kg	Plant 2	01/10/2023	ND	36	34
		EPA 8081B	µg/kg		Annual Mean Annual Max	<58 <58	56	94

ategory	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL	
CBs	PCB 1016	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	570	730	
				Dewatering Cake	Annual Mean	<570			
					Annual Max	<570			
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	560	710	
				Dewatering Cake	Annual Mean	<560			
	DOD 1010	ED4 00004		DI 14	Annual Max	<560	450	100	
	PCB 1016 wet	EPA 8082A	µg/kg	Plant 1	01/10/2023	ND <150	150	190	
	weight			Dewatering Cake	Annual Mean	<150			
		EPA 8082A	ua/ka	Plant 2	Annual Max 01/10/2023	ND	150	190	
		LFA 0002A	µg/kg	Dewatering Cake	Annual Mean	<150	130	190	
				Dewatering Cake	Annual Max	<150			
	PCB 1221	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	570	730	
			[F3/119 =17	Dewatering Cake	Annual Mean	<570		1.00	
					Annual Max	<570			
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	560	710	
				Dewatering Cake	Annual Mean	<560			
					Annual Max	<560			
	PCB 1221 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	150	190	
	weight			Dewatering Cake	Annual Mean	<150			
					Annual Max	<150			
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	150	190	
				Dewatering Cake	Annual Mean	<150			
					Annual Max	<150			
	PCB 1232	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	570	730	
				Dewatering Cake	Annual Mean	<570			
					Annual Max	<570			
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	560	710	
				Dewatering Cake	Annual Mean	<560			
	DOD 105	EDA 2007		DI	Annual Max	<560	4-0	400	
	PCB 1232 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	150	190	
	weight			Dewatering Cake	Annual Mean	<150			
		=======================================		DI 4.0	Annual Max	<150		100	
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	150	190	
				Dewatering Cake	Annual Mean	<150			
	DCD 4040	EDA 0000A	/Icas alms	Diant 1	Annual Max	<150	F70	720	
	PCB 1242	EPA 8082A	μg/kg dry	Plant 1	01/10/2023 Annual Mean	ND <570	570	730	
					Dewatering Cake	Annual Max	<570		
		EDV 8083V	EPA 8082A μg/kg dry	Plant 2	01/10/2023	ND	560	710	
		LFA 0002A µg		Annual Mean	<560	300	7 10		
				Dewatering Cake	Annual Max	<560			
	PCB 1242 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	150	190	
	weight	2171000271	Mg/Ng	Dewatering Cake	Annual Mean	<150	100	177	
	13				Annual Max	<150			
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	150	190	
				Dewatering Cake	Annual Mean	<150			
				_	Annual Max	<150			
	PCB 1248	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	570	730	
				Dewatering Cake	Annual Mean	<570			
					Annual Max	<570			
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	560	710	
				Dewatering Cake	Annual Mean	<560			
					Annual Max	<560			
	PCB 1248 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	150	190	
	weight			Dewatering Cake	Annual Mean	<150			
				<b>5</b> 1	Annual Max	<150	1		
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	150	190	
				Dewatering Cake	Annual Mean	<150			
	DOD 4054	EDA 00004		Diar 4.4	Annual Max	<150	270	700	
	PCB 1254	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	370	730	
				Dewatering Cake	Annual Mean	<370 <370			
		EPA 8082A	μg/kg dry	Plant 2	Annual Max 01/10/2023	ND	370	710	
		LI A 0002A	µg/kg uly	Dewatering Cake	Annual Mean	<370	310	7 10	
				Dowalding Cake	Annual Max	<370	<del>                                      </del>		
	PCB 1254 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	98	190	
	weight		רטייש	Dewatering Cake	Annual Mean	<98	- 100	100	
	.3				Annual Max	<98			
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	99	190	
		1 2 2 2 2 2 2	13.3	Dewatering Cake	Annual Mean	<99			
				.3	Annual Max	<99			
	PCB 1260	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	370	730	
		1		Dewatering Cake	Annual Mean	<370			
					Annual Max	<370			
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	370	710	
				Dewatering Cake	Annual Mean	<370			
					Annual Max	<370			
	PCB 1260 wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	98	190	
	1 00 1200 1101								

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
		<b>ED.</b> 6			Annual Max	<98	-	1,00
		EPA 8082A	µg/kg	Plant 2	01/10/2023	ND	99	190
				Dewatering Cake	Annual Mean	<99		
					Annual Max	<99		
	Total PCBs	EPA 8082A	μg/kg dry	Plant 1	01/10/2023	ND	570	730
				Dewatering Cake	Annual Mean	<570		
					Annual Max	<570		
		EPA 8082A	μg/kg dry	Plant 2	01/10/2023	ND	560	710
				Dewatering Cake	Annual Mean	<560		
					Annual Max	<560		
	Total PCBs wet	EPA 8082A	μg/kg	Plant 1	01/10/2023	ND	150	190
	weight			Dewatering Cake	Annual Mean	<150		
					Annual Max	<150		
		EPA 8082A	μg/kg	Plant 2	01/10/2023	ND	150	190
				Dewatering Cake	Annual Mean	<150		
					Annual Max	<150		
Herbicides	2,4,5-TP (Silvex)	EPA 8151A	μg/kg dry	Plant 1	01/10/2023	ND	600	1200
				Dewatering Cake	Annual Mean	<600		
				_	Annual Max	<600		
		EPA 8151A	μg/kg dry	Plant 2	01/10/2023	ND	610	1200
			, ,	Dewatering Cake	Annual Mean	<610		
					Annual Max	<610		
	2,4,5-TP (Silvex)	EPA 8151A	μg/kg	Plant 1	01/10/2023	ND	160	311
	wet weight			Dewatering Cake	Annual Mean	<160		
				3	Annual Max	<160		
		EPA 8151A	μg/kg	Plant 2	01/10/2023	ND	160	328
			r.aa	Dewatering Cake	Annual Mean	<160	1	1
				Domaioning Cano	Annual Max	<160		
	2,4-D	EPA 8151A	μg/kg dry	Plant 1	01/10/2023	ND	7900	16000
	_,		F9/119 41.)	Dewatering Cake	Annual Mean	<7900	7.000	
				Domaioning Cano	Annual Max	<7900		
		EPA 8151A	μg/kg dry	Plant 2	01/10/2023	ND	8200	16000
		2171010171	pg/kg dry	Dewatering Cake	Annual Mean	<8200	0200	10000
				Dowatoning Care	Annual Max	<8200		
	2,4-D wet weight	EPA 8151A	μg/kg	Plant 1	01/10/2023	ND	2100	4150
	Z,4-D Wot Weight	LINGIGIA	pg/Ng	Dewatering Cake	Annual Mean	<2100	2100	7100
				Dowatoning Care	Annual Max	<2100		
		EPA 8151A	μg/kg	Plant 2	01/10/2023	ND	2200	4370
		LINGIGIA	pg/Ng	Dewatering Cake	Annual Mean	<2200	2200	4070
				Dewatering Gake	Annual Max	<2200		
	Pentachloropheno	EDΔ 8151Δ	μg/kg dry	Plant 1	01/10/2023	ND	790	1600
	I	LINGIGIA	µg/kg dry	Dewatering Cake	Annual Mean	<790	730	1000
				Dowatoning Care	Annual Max	<790		
		EPA 8151A	μg/kg dry	Plant 2	01/10/2023	ND	820	1600
		LINGIGIA	µg/kg dry		Annual Mean	<820	020	1000
				Domaioning Cano	Annual Max	<820		
	Pentachloropheno	FPΔ 8151Δ	μg/kg	Plant 1	01/10/2023	ND	210	415
	I wet weight	LINGIGIA	pg/Ng		Annual Mean	<210	210	710
	I wot weight			Dewatering Care	Annual Max	<210		
		EPA 8151A	μg/kg	Plant 2	01/10/2023	ND	220	437
		LIAUISIA	руку	Dewatering Cake	Annual Mean	<220	220	401
				Dewatering Cake	Annual Max	<220		
Dioxins/Furans	2,3,7,8-TCDD	EPA 8290A	na/a	Plant 1	01/10/2023	ND	0.097	1.0
PIONII IS/F UI AI IS	2,0,1,0-1000	LI A OZSUA	pg/g	Dewatering Cake	Annual Mean	<0.097	0.031	1.0
				Dewatering Cake		<0.097	+	
			pala de	Plant 1	Annual Max 01/10/2023	<0.097 ND	0.37	3.8
			pg/g dry	Dewatering Cake	Annual Mean	<0.37	0.31	J.0
				Dewatering Cake	Annual Max	<0.37	+	+
		EPA 8290A	pa/a	Plant 2	01/10/2023	<0.37 ND	0.086	0.99
		LFA 0290A	pg/g	Dewatering Cake		<0.086	0.000	0.55
				Dewatering Cake	Annual Mean Annual Max	<0.086	+	+
			pa/a dn/	Plant 2	01/10/2023	<0.086 ND	0.32	3.7
			pg/g dry	Dewatering Cake	Annual Mean		0.32	J.1
				Dewatering Cake	Annual Mean Annual Max	<0.32 <0.32	+	-
		I	%	Plant 1	01/10/2023	<0.32 ND		1
Other	Ashestos	EPA/600/P		ii iaiii I			<del> -</del>	1
Other	Asbestos	EPA/600/R-	70		07/11/2022	ND		1.1
Other	Asbestos	EPA/600/R- 93/116	76	Dewatering Cake	07/11/2023	ND <1	<del> </del>	
Other	Asbestos		76		Annual Mean	<1		
Other	Asbestos			Dewatering Cake	Annual Mean Annual Max	<1 <1		4
Other	Asbestos		% dry weight	Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023	<1 <1 ND		4
Other	Asbestos			Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023	<1 <1 ND ND		4 4
Other	Asbestos			Dewatering Cake Plant 1	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	<1 <1 ND ND <4		
Other	Asbestos	93/116	% dry weight	Dewatering Cake  Plant 1  Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max	<1 <1 ND ND <4 <4		4
Other	Asbestos	93/116 EPA/600/R-		Plant 1 Dewatering Cake  Plant 2	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<1 <1 ND ND <4 <4 ND		1
Other	Asbestos	93/116	% dry weight	Dewatering Cake  Plant 1  Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023	<1 <1 ND ND <4 <4 <4 ND ND ND ND		4
Other	Asbestos	93/116 EPA/600/R-	% dry weight	Plant 1 Dewatering Cake  Plant 2	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean	<1 <1 ND ND <4 <4 ND ND ND <1 ND <51		1
Other	Asbestos	93/116 EPA/600/R-	% dry weight	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max	<1 <1 ND ND <4 <4 ND ND ND <1 <1 <1 <1 <1		1 1
Other	Asbestos	93/116 EPA/600/R-	% dry weight	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<1 <1 ND ND <4 <4 ND ND ND <1 <1 ND ND ND ND ND ND ND ND ND ND ND ND ND		1 1 1
Other	Asbestos	93/116 EPA/600/R-	% dry weight	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Mean Annual Mean Annual Mean Annual Mean Annual Max 01/10/2023	<1 <1 ND ND <4 ND ND ND ND ND ND ND ND ND ND ND ND ND		1 1
Other	Asbestos	93/116 EPA/600/R-	% dry weight	Plant 1 Dewatering Cake  Plant 2 Dewatering Cake  Plant 2 Dewatering Cake	Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023 07/11/2023 Annual Mean Annual Max 01/10/2023	<1 <1 ND ND <4 <4 ND ND ND <1 <1 ND ND ND ND ND ND ND ND ND ND ND ND ND		1 1 1

Category	Parameter	Method	Units	Sample Location	Sample Date	Result	MDL	RL
DEFINITIONS AND FO	OOTNOTES							

#### Definitions:

ND = Not Detected

DNQ = Detected, Not Quantified; represents estimated values above the method detection limit (MDL), but below the reporting limit (RL).

N/A = Not Applicable

#### Annual Mean:

- If all results for a parameter were ND, the Annual Mean is reported as < the highest MDL (or RL if not MDL) for that parameter during the year.
- If only some results for a parameter were ND, the ND is replaced by the MDL value for calculating the Annual Mean
- For any parameter that had a DNQ result, the Annual Mean is also designated as DNQ.

#### Annual Max

- If all results for a parameter were ND, the Annual Max is reported as < the highest MDL (or RL if not MDL) for that parameter during the year.
- Quantified values take priority for determining the maximum (ND and DNQ values are ignored). If there are only ND and DNQ values, the highest DNQ value is reported as the maximum with a DNQ notation.

## Appendix D. EPA Biosolids Annual Report Electronic Forms

NPDES FORM 6100-035

### **\$EPA**

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 BIOSOLIDS ANNUAL REPORT

Form Approved.

OMB No. 2040-0004.

Exp. 07/31/2026

EPA's sewage sludge regulations require certain publicly owned treatment works (POTWs) and Class I sewage sludge management facilities to submit to a Sewage Sludge (Biosolids) Annual Report (see 40 CFR 503.18 (https://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_118), 503.28 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_128), 503.48 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_148)). Facilities that must submit a Sewage Sludge (Biosolids) Annual Report include POTWs with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I Sludge Management Facilities (as defined by 40 CFR 503.9 (https://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_19)), and facilities otherwise required to file this report (e.g., permit condition, enforcement action, state law). This is the electronic form for Sewage Sludge (Biosolids) Annual Report filers to use if they are located in one of the states, tribes, or territories (https://www.epa.gov/npdes/npdes-state-program-information) where EPA administers the Federal biosolids program.

For the purposes of this form, the term 'sewage sludge (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_19)' also refers to the material that is commonly referred to as 'biosolids'. EPA does not have a regulatory definition for biosolids but this material is commonly referred to as sewage sludge that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer. EPA's use of the term 'biosolids' in this form is to confirm that information about beneficially used sewage sludge (a.k.a. biosolids) should be reported on this form.

#### Public Availability of Information Submitted on and with this Program Report

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk (NPDESeReporting@epa.gov (mailto:NPDESereporting@epa.gov)) for further guidance.

Please note that EPA may contact you after you submit this report for more information regarding your sewage sludge management program.

#### **Burden Statement**

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with EPA NPDES regulations (40 CFR 503.18, 503.28, and 503.48). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average one to five hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Facility Information	Facility	Information
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Facility Name: ORANGE COUNTY SD #1

NPDES ID: CAL110604

#### **Program Information**

Please select all of the following that apply to your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR part 503. The facility is:

- a POTW with a design flow rate equal to or greater than one million gallons per day
- a POTW that serves 10,000 people or more

In the reporting period, did you manage your sewage sludge or biosolids using any of the following management practices: land application, surface disposal, or incineration?

✓ YES □ NO

If your facility is a POTW, please provide the estimated total amount of sewage sludge produced at your facility for the reporting period (in dry metric tons). If your facility is not a POTW, please provide the estimated total amount of biosolids produced at your facility for the reporting period (in dry metric tons).

28679

Reporting Period Start Date: 01/01/2023 Reporting Period End Date: 12/31/2023

**Treatment Processes** 

#### Processes to Significantly Reduce Pathogens (PSRP):

**Anaerobic Digestion** 

#### Processes to Further Reduce Pathogens (PFRP):

#### **Physical Treatment Options:**

Preliminary Operations (e.g., sludge grinding, degritting, blending)

Thickening (e.g., Gravity and/or Flotation Thickening, Centrifugation, Belt Filter Press, Vacuum Filter, Screw Press)

#### Other Processes to Manage Sewage Sludge:

Methane or Biogas Capture and Recovery

#### **Analytical Methods**

Did you or your facility collect sewage sludge or biosolids samples for laboratory analysis? 

✓ YES □ NO

#### **Analytical Methods**

- EPA Method 6010 Arsenic (ICP-OES)
- EPA Method 6010 Cadmium (ICP-OES)
- EPA Method 6010 Chromium (ICP-OES)
- EPA Method 6010 Copper (ICP-OES)
- EPA Method 6010 Lead (ICP-OES)
- EPA Method 7471 Mercury (CVAA)
- EPA Method 6010 Molybdenum (ICP-OES)
- EPA Method 6010 Nickel (ICP-OES)
- EPA Method 6010 Selenium (ICP-OES)
- EPA Method 6010 Zinc (ICP-OES)
- EPA Method 6010 Beryllium (ICP-OES)
- EPA Method 351.2 Total Kjeldahl Nitrogen
- Standard Method 4500-NH3 Ammonia Nitrogen
- EPA Method 9056 Nitrate Nitrogen (IC)
- Standard Method 2540 Total Solids
- Standard Method 2540 Volatile Solids
- EPA Method 9045 pH (> 7% solids)

#### **Other Analytical Methods**

Other Nitrogen Analytical Method

#### Other Analytical Methods Text Area:

EPA 9056 - Nitrite Nitrogen (IC)

#### Sludge Management - Land Application

**ID**: 001

**Amount:** 7210

Handler, Preparer, or Applier Type: Off-Site Third-Party Handler or Applier

Facility Information: Contact Information:

Facility Information:Contact Information:Tule Ranch - Ag TechKurtWyrick3895 W. County 19th StreetControllerSomerton, AZ 85350559-970-9432USkurt@westexp.com

Management Practice Detail: Agricultural Land Application

Bulk or Bag/Container: Bulk

Pathogen Class: Class B

#### Sewage Sludge or Biosolids Pathogen Reduction Options:

• Class B-Alternative 2 PSRP 3: Anaerobic Digestion

#### Sewage Sludge or Biosolids Vector Attraction Reduction Options:

- Option 1 Volatile Solids Reduction
- Option 10 Sewage Sludge Timely Incorporation into Land

Amount Transferred (dry metric tons):

7210

Did the facility land apply bulk sewage slu	dge when one or more pollutants in the sewag	e sludge exceeded 90 percent or more of any
of the cumulative pollutant loading rates in ☐ YES ☑ NO ☐ UNKNOWN	n Table 2 of 40 CFR 503.13?	
Monitoring Data		
applied to the land. Please use the followi the reporting period for this SSUID. These land during the compliance monitoring per node=pt40.32.503&rgn=div5#se40.32.503	ensities, and vector attraction reduction must be many section to report monitoring data for the land at monitoring data should be representative of the riod for this SSUID (40 CFR 503.8(a) (http://www.8_18)). All pollutant monitoring data should be repart to demonstrate compliance with EPA's land appliance	pplication conducted by you or your facility in sewage sludge or biosolids that was applied to ecfr.gov/cgi-bin/text-idx? orted in milligrams per kilogram (mg/kg), dry
Compliance Monitoring Periods		
monitoring period must have a start date to on the number of metric tons (dry weight land application SSUIDs). For example, you application SSUID when you land apply 1:	Please note that the compliance monitoring period that is equal to or less than the end date. The numbers of sewage sludge or biosolids land applied ou will need to provide monitoring data for 12 compositions of several transfer of the period (see 40 CFR 503.16 (http://www.ecfr.gov/c8_116)).	nber of compliance monitoring periods is based in the reporting period (summed across all apliance monitoring periods for each land across all swage sludge or biosolids (summed across all
Compliance Monitoring Event No. 1	Compliance Monitoring Period Start  Date: 01/01/2023	Compliance Monitoring Period End Date: 02/28/2023
Do you have analytical results to report t	for this monitoring period?	
	ncentrations that are equivalent to the monthl nple, this will be the case if you only collected ing period.]	
Maximum Concentration Data for All Sev	vage Sludge or Biosolids Applied to Land	
This section summarizes the maximum por compliance monitoring period for this SSL node=pt40.32.503&rgn=div5#se40.32.503 or gave away sewage sludge in a bag or exceed a land application ceiling pollutant	ollutant concentrations in the biosolids or sewage JID. In accordance with 40 CFR 503.13(a) (http://dai.org/size-113), EPA's regulations prohibit land application other container when one or more sewage sludge their limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gai.org/size-113)). EPA will compare the pollutant concentra	www.ecfr.gov/cgi-bin/text-idx?  In of bulk sewage sludge or sewage sludge sold pollutant concentrations in the sewage sludge gov/cgi-bin/text-idx?

 $concentration\ limits\ in\ Table\ 1\ of\ 40\ CFR\ 503.13\ (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503\&rgn=div5\#se40.32.503\_113)\ to\ 100\% for\$ identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	=	11	
Cadmium	=	3.5	
Copper	=	460	
Lead	=	11	
Mercury	=	0.87	
Molybdenum	=	15	
Nickel	=	34	
Selenium	=	7.6	
Zinc	=	800	

#### **Pathogen And Vector Attraction Reduction**

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

· Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight

- When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
  as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
  mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- · Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	63	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	8.8	
Cadmium	J (Below RL but Above MDL)	2.6	
Copper	=	420	
Lead	J (Below RL but Above MDL)	7.1	
Mercury	=	0.67	
Nickel	=	30	
Selenium	J (Below RL but Above MDL)	7	
Zinc	=	710	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	57000	

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	10	
Cadmium	=	6.1	
Copper	=	400	
Lead	=	13	
Mercury	=	0.87	
Molybdenum	=	17	
Nickel	=	38	
Selenium	J (Below RL but Above MDL)	11	
Zinc	=	730	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	62	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

 Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-andvector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].

• Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	8.5	
Cadmium	=	3.5	
Copper	=	390	
Lead	=	11	
Mercury	=	0.77	
Nickel	=	34	
Selenium	J (Below RL but Above MDL)	9.2	
Zinc	=	690	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	59000	

Compliance Monitoring Event No. 3 Compliance

Date:

Compliance Monitoring Period Start Date:

Compliance Monitoring Period End Date: 06/30/2023

05/01/2023

Do you have analytical results to report for this monitoring period?

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or	Value Qualifier	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of
Biosolids Parameter		weight basis or Pass/Fail)	The Following
Arsenic	J (Below RL but Above MDL)	9.8	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Cadmium	=	3.5	
Copper	=	470	
Lead	=	12	
Mercury	=	0.68	
Molybdenum	=	23	
Nickel	=	36	
Selenium	J (Below RL but Above MDL)	11	
Zinc	=	850	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- · Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	60	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].
   Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(I) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	9.3	
Cadmium	J (Below RL but Above MDL)	1.8	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Copper	=	440	
Lead	=	11	
Mercury	=	0.58	
Nickel	=	30	
Selenium	J (Below RL but Above MDL)	9.6	
Zinc	=	770	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dryweight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	58000	

Compliance Monitoring Event No. 4 Compliance Monitoring Period Start Date: 08/31/2023 07/01/2023

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	6.3	
Cadmium	=	4	
Copper	=	480	
Lead	=	16	
Mercury	=	0.64	
Molybdenum	=	18	
Nickel	=	40	
Selenium	J (Below RL but Above MDL)	8.3	
Zinc	=	800	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- · Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	63	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].
   Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	6	
Cadmium	=	3.4	
Copper	=	420	
Lead	=	12	
Mercury	=	0.56	
Nickel	=	34	
Selenium	J (Below RL but Above MDL)	7.2	
Zinc	=	720	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	55000	

Do you have analytical results to report for this monitoring period? 
☑ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	6.5	
Cadmium	=	3.8	
Copper	=	450	
Lead	=	13	
Mercury	=	0.51	
Molybdenum	=	16	
Nickel	=	45	
Selenium	J (Below RL but Above MDL)	7.8	
Zinc	=	810	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	65	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

 Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-andvector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].

• Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	6	
Cadmium	=	3.6	
Copper	=	420	
Lead	=	12	
Mercury	=	0.48	
Nickel	=	36	
Selenium	J (Below RL but Above MDL)	6.2	
Zinc	=	750	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids	Value	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The
Parameter	Qualifier		Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	53000	

Compliance Monitoring Event No. 6

Compliance Monitoring Period Start

Date:

11/01/2023

Compliance Monitoring Period End Date:

12/31/2023

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or	Value Qualifier	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of
Biosolids Parameter		weight basis or Pass/Fail)	The Following
Arsenic	J (Below RL but Above MDL)	6.8	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Cadmium	=	4.1	
Copper	=	430	
Lead	=	13	
Mercury	=	0.78	
Molybdenum	=	15	
Nickel	=	45	
Selenium	J (Below RL but Above MDL)	7.8	
Zinc	=	760	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	62	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].
   Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	6.3	
Cadmium	J (Below RL but Above MDL)	3.1	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Copper	=	400	
Lead	J (Below RL but Above MDL)	9.7	
Mercury	=	0.55	
Nickel	=	40	
Selenium	J (Below RL but Above MDL)	6.2	
Zinc	=	710	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	53000	

Manageme	

Sludge Management - Incineration

Sludge Management - Other Management Practice

**ID**: 002

**Amount:** 5432

Management Practice Detail: Other

Other Management Practice Detail Description: Composting Facility - Class 1 Sludge Management Facility

Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer

NPDES ID of handler:

**Facility Information:** Synagro - Nursery Products PO Box 1439 Helendale, CA 92342

US

**Contact Information:** 

Venny Vasquez Site Manager 760-265-5210

vvasquez@synagro.com

Pathogen Class: Class A EQ

Do you have any deficiencies to report for this SSUID? ☐ YES ☑ NO ☐ UNKNOWN

**ID**: 003

**Amount: 7224** 

Management Practice Detail: Other

Other Management Practice Detail Description: Composting Facility - Class 1 Sludge Management Facility

Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer

NPDES ID of handler:

**Facility Information:** 

Synagro - South Kern Compost Manufacturing Facility

PO Box 265 Taft, CA 93268

US

**Contact Information:** 

Rob Rankin Site Manager 661-765-2200 rrankin@synagro.com

Pathogen Class: Class A EQ	
Do you have any deficiencies to report for this SSUID?	□YES ♥NO □UNKNOWN
ID: <u>004</u>	
<b>Amount</b> : <u>8063</u>	
Management Practice Detail: Other	
Other Management Practice Detail Description: Composti	ng Facility - Class 1 Sludge Management Facility
Handler, Preparer, or Applier Type: Off-Site Third-Party Pre	parer
NPDES ID of handler:	
Facility Information:	Contact Information: Wilson Nolan
Synagro - Liberty Compost 12421 Holloway Road	Site Manager
Lost Hills, CA 93249	661-619-7320
US	wnolan@synagro.com
Pathogen Class: Class A EQ	
Do you have any deficiencies to report for this SSUID?	□YES & NO □UNKNOWN
ID. 005	
ID: <u>005</u>	
Amount: 637	
Management Practice Detail: Other	
Other Management Practice Detail Description: Composti	
Handler, Preparer, or Applier Type: Off-Site Third-Party Pre	parer
NPDES ID of handler:	
Facility Information:	Contact Information:
Synagro - Arizona Soils	Brian Millage
_	Brian Millage Site Manager 623-626-0974
Synagro - Arizona Soils 5615 S. 91st Ave.	Brian Millage Site Manager
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353	Brian Millage Site Manager 623-626-0974
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  □ YES ❤ NO □ UNKNOWN
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Composti	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  □ YES ♥ NO □ UNKNOWN
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostic Handler, Preparer, or Applier Type: Off-Site Third-Party Presidents	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  □ YES ♥ NO □ UNKNOWN
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Composti	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  □ YES ♥ NO □ UNKNOWN
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostite Handler, Preparer, or Applier Type: Off-Site Third-Party President Information:  Facility Information:	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES V NO UNKNOWN  The parer  Contact Information:
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  The parer  Contact Information: Jeff Ziegenbein
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostite Handler, Preparer, or Applier Type: Off-Site Third-Party President Information:  Facility Information:	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES V NO UNKNOWN  The parer  Contact Information:
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility 12645 6th Street	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  The parer  Contact Information: Jeff Ziegenbein Site Manager
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility 12645 6th Street Rancho Cucamonga, CA 91739	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  The parer  Contact Information: Jeff Ziegenbein Site Manager 909-993-1981
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility 12645 6th Street Rancho Cucamonga, CA 91739 US	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  The parer  Contact Information: Jeff Ziegenbein Site Manager 909-993-1981
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility 12645 6th Street Rancho Cucamonga, CA 91739 US  Pathogen Class: Class A EQ	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  To Contact Information: Jeff Ziegenbein Site Manager 909-993-1981 jziegenbein@ieua.org
Synagro - Arizona Soils 5615 S. 91st Ave. Tollesson, AZ 85353 US  Pathogen Class: Class A EQ  Do you have any deficiencies to report for this SSUID?  ID: 006  Amount: 111  Management Practice Detail: Other  Other Management Practice Detail Description: Compostit Handler, Preparer, or Applier Type: Off-Site Third-Party Pre NPDES ID of handler:  Facility Information: Inland Empire Regional Composting Facility 12645 6th Street Rancho Cucamonga, CA 91739 US  Pathogen Class: Class A EQ	Brian Millage Site Manager 623-626-0974 bmillage@synagro.com  PYES NO UNKNOWN  To Contact Information: Jeff Ziegenbein Site Manager 909-993-1981 jziegenbein@ieua.org

#### Please enter any additional information that you would like to provide in the comment box below.

OC San has attached the electronic version of the annual report broken into smaller sections. Alternatively, the complete file is available at www.ocsan.gov/503. Please contact Matthew Smith at msmith@ocsan.gov or 714-593-7439 if you have any questions.

#### **Additional Attachments**

Name	Created Date	Size
OC_San_Biosolids_Annual_Report_2023_Part-1_Report-Body.pdf	02/15/2024 7:39 PM	1.17 MB
OC_San_Biosolids_Annual_Report_2023_Part-2_Appx-A.pdf	02/15/2024 7:39 PM	2.70 MB
OC_San_Biosolids_Annual_Report_2023_Part-3_Appx-B,C,E.pdf	02/15/2024 7:40 PM	2.26 MB
OC_San_Biosolids_Annual_Report_2023_Cover_Letter.pdf	02/15/2024 8:49 PM	286.95 KB

#### **Certification Information**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Lan Wiborg (LWIBORG@OCSD.COM)

Certified On: 02/15/2024 6:03 PM ET

NPDES FORM 6100-035

**\$EPA** 

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460 BIOSOLIDS ANNUAL REPORT

Form Approved.

OMB No. 2040-0004.

Exp. 07/31/2026

EPA's sewage sludge regulations require certain publicly owned treatment works (POTWs) and Class I sewage sludge management facilities to submit to a Sewage Sludge (Biosolids) Annual Report (see 40 CFR 503.18 (https://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_118), 503.28 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_128), 503.48 (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_148)). Facilities that must submit a Sewage Sludge (Biosolids) Annual Report include POTWs with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I Sludge Management Facilities (as defined by 40 CFR 503.9 (https://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_19)), and facilities otherwise required to file this report (e.g., permit condition, enforcement action, state law). This is the electronic form for Sewage Sludge (Biosolids) Annual Report filers to use if they are located in one of the states, tribes, or territories (https://www.epa.gov/npdes/npdes-state-program-information) where EPA administers the Federal biosolids program.

For the purposes of this form, the term 'sewage sludge (https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_19)' also refers to the material that is commonly referred to as 'biosolids'. EPA does not have a regulatory definition for biosolids but this material is commonly referred to as sewage sludge that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer. EPA's use of the term 'biosolids' in this form is to confirm that information about beneficially used sewage sludge (a.k.a. biosolids) should be reported on this form.

#### Public Availability of Information Submitted on and with this Program Report

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk (NPDESeReporting@epa.gov (mailto:NPDESereporting@epa.gov)) for further guidance.

Please note that EPA may contact you after you submit this report for more information regarding your sewage sludge management program.

#### **Burden Statement**

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with EPA NPDES regulations (40 CFR 503.18, 503.28, and 503.48). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average one to five hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

**Facility Information** 

Facility Name: ORANGE COUNTY SD #2

NPDES ID: CAL120604

#### **Program Information**

Please select all of the following that apply to your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR part 503. The facility is:

- a POTW with a design flow rate equal to or greater than one million gallons per day
- a POTW that serves 10,000 people or more

In the reporting period, did you manage your sewage sludge or biosolids using any of the following management practices: land application, surface disposal, or incineration?

✓ YES □ NO

If your facility is a POTW, please provide the estimated total amount of sewage sludge produced at your facility for the reporting period (in dry metric tons). If your facility is not a POTW, please provide the estimated total amount of biosolids produced at your facility for the reporting period (in dry metric tons).

15989

Reporting Period Start Date: 01/01/2023 Reporting Period End Date: 12/31/2023

Treatment Processes

#### Processes to Significantly Reduce Pathogens (PSRP):

Anaerobic Digestion

#### Processes to Further Reduce Pathogens (PFRP):

#### **Physical Treatment Options:**

Preliminary Operations (e.g., sludge grinding, degritting, blending)

Thickening (e.g., Gravity and/or Flotation Thickening, Centrifugation, Belt Filter Press, Vacuum Filter, Screw Press)

#### Other Processes to Manage Sewage Sludge:

Methane or Biogas Capture and Recovery

#### **Analytical Methods**

Did you or your facility collect sewage sludge or biosolids samples for laboratory analysis? ✓ YES □ NO

#### **Analytical Methods**

- EPA Method 6010 Arsenic (ICP-OES)
- EPA Method 6010 Cadmium (ICP-OES)
- EPA Method 6010 Chromium (ICP-OES)
- EPA Method 6010 Copper (ICP-OES)
- EPA Method 6010 Lead (ICP-OES)
- EPA Method 7471 Mercury (CVAA)
- EPA Method 6010 Molybdenum (ICP-OES)
- EPA Method 6010 Nickel (ICP-OES)
- EPA Method 6010 Selenium (ICP-OES)
- EPA Method 6010 Zinc (ICP-OES)
- EPA Method 6010 Beryllium (ICP-OES)
- EPA Method 351.2 Total Kjeldahl Nitrogen
- Standard Method 4500-NH3 Ammonia Nitrogen
- EPA Method 9056 Nitrate Nitrogen (IC)
- · Standard Method 2540 Total Solids
- · Standard Method 2540 Volatile Solids
- EPA Method 9045 pH (> 7% solids)

#### **Other Analytical Methods**

· Other Nitrogen Analytical Method

#### Other Analytical Methods Text Area:

EPA Method 9056 - Nitrite Nitrogen (IC)

#### Sludge Management - Land Application

**ID**: 001

**Amount: 11615** 

Handler, Preparer, or Applier Type: Off-Site Third-Party Handler or Applier

**Facility Information: Contact Information:** Amount Transferred (dry metric tons):

Tule Ranch - Ag Tech Kurt Wyrick 3895 W. County 19th Street Controller Somerton, AZ 85350 559-970-9432 kurt@westexp.com

Management Practice Detail: Agricultural Land Application

Bulk or Bag/Container: Bulk Pathogen Class: Class B

#### Sewage Sludge or Biosolids Pathogen Reduction Options:

· Class B-Alternative 2 PSRP 3: Anaerobic Digestion

#### Sewage Sludge or Biosolids Vector Attraction Reduction Options:

- Option 1 Volatile Solids Reduction
- Option 10 Sewage Sludge Timely Incorporation into Land

Page 2 of 15

11615

Monitoring Data		
applied to the land. Please use the following the reporting period for this SSUID. These land during the compliance monitoring periode=pt40.32.503&rgn=div5#se40.32.503	ensities, and vector attraction reduction must be no ing section to report monitoring data for the land a e monitoring data should be representative of the eriod for this SSUID (40 CFR 503.8(a) (http://www. 3_18)). All pollutant monitoring data should be rep a to demonstrate compliance with EPA's land app	pplication conducted by you or your facility in sewage sludge or biosolids that was applied to ecfr.gov/cgi-bin/text-idx? orted in milligrams per kilogram (mg/kg), dry
Compliance Monitoring Periods		
on the number of metric tons (dry weight I land application SSUIDs). For example, y application SSUID when you land apply 1 land application SSUIDs) in the reporting	that is equal to or less than the end date. The nun basis) of sewage sludge or biosolids land applied you will need to provide monitoring data for 12 con 15,000 or more metric tons (dry weight basis) of se period (see 40 CFR 503.16 (http://www.ecfr.gov/c 3 116))	in the reporting period (summed across all appliance monitoring periods for each land wage sludge or biosolids (summed across all
node=pt40.32.503&rgn=div5#se40.32.503 Compliance Monitoring Event No. 1	Compliance Monitoring Period Start  Date:	Compliance Monitoring Period End Date 02/28/2023
	Compliance Monitoring Period Start	
Compliance Monitoring Event No. 1	Compliance Monitoring Period Start Date: 01/01/2023	
Compliance Monitoring Event No. 1  Do you have analytical results to report  Are you reporting maximum pollutant co compliance monitoring event? [For exan	Compliance Monitoring Period Start  Date:  01/01/2023  for this monitoring period?	02/28/2023 y average pollutant concentrations for this
Compliance Monitoring Event No. 1  Do you have analytical results to report:  Are you reporting maximum pollutant cocompliance monitoring event? [For examor biosolids for this compliance monitor	Compliance Monitoring Period Start  Date:  01/01/2023  for this monitoring period?	02/28/2023 y average pollutant concentrations for this

identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	=	13	
Cadmium	=	1.1	
Copper	=	340	
Lead	=	8.1	
Mercury	=	0.74	
Molybdenum	=	17	
Nickel	=	26	
Selenium	=	6.3	
Zinc	=	600	

#### **Pathogen And Vector Attraction Reduction**

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

• Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight

- When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
  as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
  mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- · Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	62	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	10	
Cadmium	J (Below RL but Above MDL)	1.2	
Copper	=	320	
Lead	J (Below RL but Above MDL)	3.9	
Mercury	=	0.6	
Nickel	=	24	
Selenium	J (Below RL but Above MDL)	5.7	
Zinc	=	590	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	52000	

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids	Value	Parameter Concentration (mg/kg, dry-weight	If No Data, Select One Of The	
Parameter	Qualifier	basis or Pass/Fail)	Following	
Arsenic	=	14		
Cadmium	=	6.9		
Copper	=	340		
Lead	=	11		
Mercury	=	0.58		
Molybdenum	=	24		
Nickel	=	31		
Selenium	=	11		
Zinc	=	660		

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- · Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	70	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

• Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].

Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(I) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].

• Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	11	
Cadmium	=	3.5	
Copper	=	320	
Lead	=	9.5	
Mercury	=	0.51	
Nickel	=	28	
Selenium	J (Below RL but Above MDL)	8.6	
Zinc	=	620	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	47000	

Compliance Monitoring Event No. 3	Compliance Monitoring Period Start	Compliance Monitoring Period End Date:
	Date:	06/30/2023
	05/01/2023	

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	=	13	
Cadmium	=	3.8	
Copper	=	360	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Lead	=	12	
Mercury	=	0.52	
Molybdenum	=	30	
Nickel	=	30	
Selenium	=	12	
Zinc	=	710	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- · Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	63	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following	
Arsenic	J (Below RL but Above MDL)	12		
Cadmium	J (Below RL but Above MDL)	1.7		
Copper	=	360		
Lead	=	10		
Mercury	=	0.43		

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Nickel	=	27	
Selenium	J (Below RL but Above MDL)	9.3	
Zinc	=	690	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids	Value	Parameter Concentration (mg/kg, dry-	If No Data, Select One Of The Following
Parameter	Qualifier	weight basis)	
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	53000	

Compliance Monitoring Event No. 4 Compliance Monitoring Period Start Compliance Monitoring Period End Date:

Date:
08/31/2023

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	9.5	
Cadmium	=	4.5	
Copper	=	400	
Lead	=	13	
Mercury	=	0.57	
Molybdenum	=	25	
Nickel	=	34	
Selenium	J (Below RL but Above MDL)	7.9	
Zinc	=	780	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis)
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.

- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis)
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	57	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].
   Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	7.9	
Cadmium	=	3.8	
Copper	=	350	
Lead	=	11	
Mercury	=	0.48	
Nickel	=	32	
Selenium	J (Below RL but Above MDL)	6.9	
Zinc	=	700	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	54000	

Compliance Monitoring Event No. 5	Compliance Monitoring Period Start	Compliance Monitoring Period End Date
	Date:	10/31/2023
	09/01/2023	

Do you have analytical results to report for this monitoring period? 

✓ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	7.4	
Cadmium	=	2.9	
Copper	=	410	
Lead	=	13	
Mercury	=	0.56	
Molybdenum	=	21	
Nickel	=	45	
Selenium	J (Below RL but Above MDL)	8.9	
Zinc	=	860	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	64	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.33):

Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology - Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))].
 Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius

- in the presence of excess air [see 40 CFR 503.31(I) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(I))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	7.4	
Cadmium	=	2.8	
Copper	=	360	
Lead	=	12	
Mercury	=	0.45	
Nickel	=	38	
Selenium	J (Below RL but Above MDL)	6.5	
Zinc	=	770	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	47000	

Compliance Monitoring Event No. 6	Compliance Monitoring Period Start	Compliance Monitoring Period End Date
	Date:	12/31/2023
	11/01/2023	

Do you have analytical results to report for this monitoring period? 
☑ YES □ NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

☐YES ☑NO

#### Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx? node=pt40.32.503&rgn=div5#se40.32.503\_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503\_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	8.7	
Cadmium	=	2.5	
Copper	=	330	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Lead	=	13	
Mercury	=	0.77	
Molybdenum	=	15	
Nickel	=	34	
Selenium	J (Below RL but Above MDL)	8.9	
Zinc	=	680	

#### Pathogen And Vector Attraction Reduction

**Note:** Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f))]. The following units should be used for pathogen data (see 40 CFR 503.32 (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.32)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
  - When using the Class B Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported
    as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric
    mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- · Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Report the vector attraction reduction data for the biosolids or sewage sludge that was placed on an active sewage sludge unit during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Vector Attraction Reduction Selected Options	Value Qualifier	Value	If No Data, Select One Of The Following
Solids, total volatile percent removal	Option 1 - Volatile Solids Reduction	=	60	

**Note:** Vector attraction is the characteristic of sewage sludge that attracts rodents, flies, mosquitos, or other organisms capable of transporting infectious agents [see 40 CFR 503.31(k) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(k))]. The following units should be used for vector attraction reduction data (see 40 CFR 503.33) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33):

- Solids, total volatile, shall be reported as percent removal. See calculation procedures in "Environmental Regulations and Technology Control of Pathogens and Vector Attraction in Sewage Sludge" (https://www.epa.gov/biosolids/control-pathogens-and-vector-attraction-sewage-sludge), EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268) [see 40 CFR 503.33(b)(1) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.33#p-503.33(b)(1))]. Volatile solids is the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550 degrees Celsius in the presence of excess air [see 40 CFR 503.31(l) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(l))].
- Specific Oxygen Update Rate (SOUR) shall be reported as milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20 degrees Celsius. SOUR is the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge [see 40 CFR 503.31(h) (https://www.ecfr.gov/current/title-40/chapter-l/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(h))].

#### Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	J (Below RL but Above MDL)	7.4	
Cadmium	J (Below RL but Above MDL)	1.9	
Copper	=	300	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry- weight basis or Pass/Fail)	If No Data, Select One Of The Following
Lead	J (Below RL but Above MDL)	8.9	
Mercury	=	0.62	
Nickel	=	31	
Selenium	J (Below RL but Above MDL)	6.3	
Zinc	=	630	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dryweight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate- Nitrite)	=	50000	

Sludge Management - Surface
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Sludge Management - Incineration

Sludge Management - Other Management Practice

**ID**: 002

Amount: 252

Management Practice Detail: Other

Other Management Practice Detail Description: Composting Facility - Class 1 Sludge Management Facility

Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer

NPDES ID of handler:

Facility Information: Synagro - Nursery Products PO Box 1439 Helendale, CA 92342 US

\_\_\_\_

Contact Information: Venny Vasquez

Venny Vasque Site Manager 760-265-5210

vvasquez@synagro.com

Pathogen Class: Class A EQ

**ID**: 003

Amount: 106

Management Practice Detail: Other

Other Management Practice Detail Description: Composting Facility - Class 1 Sludge Management Facility

Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer

NPDES ID of handler:

Facility Information:

Synagro - South Kern Compost Manufacturing Facility PO Box 265

Taft, CA 93268

US

Pathogen Class: Class A EQ

Contact Information:
Rob Rankin
Site Manager
661-765-2200
rrankin@synagro.com

Do you have any deficiencies to report for this SSUID? ☐ YES •	NO DUNKNOWN	
ID: <u>004</u>		
Amount: 1987		
Management Practice Detail: Other		
Other Management Practice Detail Description: Composting Facility - 0	Class 1 Sludge Management Facility	
Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer		
NPDES ID of handler:		
Facility Information: Synagro - Liberty Compost 12421 Holloway Road Lost Hills, CA 93249 US	Contact Information: Wilson Nolan Site Manager 661-619-7320 wnolan@synagro.com	
Pathogen Class: Class A EQ		
Do you have any deficiencies to report for this SSUID? ☐ YES .	NO UNKNOWN	
ID: <u>006</u>		
Amount: 2030		
Management Practice Detail: Other		
Other Management Practice Detail Description: Composting Facility - Class 1 Sludge Management Facility		
Handler, Preparer, or Applier Type: Off-Site Third-Party Preparer		
NPDES ID of handler:		
Facility Information: Inland Empire Regional Composting Facility 12645 6th Street Rancho Cucamonga, CA 91739 US	Contact Information:  Jeff Ziegenbein  Site Manager 909-993-1981 jziegenbein@synagro.com	
Pathogen Class: Class A EQ		
Do you have any deficiencies to report for this SSUID? ☐ YES 🖭	NO UNKNOWN	
Additional Information		
Please enter any additional information that you would like to provide in the comment box below.		
OC San has attached the electronic version of the annual report broken into smaller sections. Alternatively, the complete file is available at www.ocsan.gov/503. Please contact Matthew Smith at msmith@ocsan.gov or 714-593-7439 if you have any questions.		

#### **Additional Attachments**

Name	Created Date	Size
OC_San_Biosolids_Annual_Report_2023_Part-1_Report-Body.pdf	02/15/2024 7:49 PM	1.17 MB
OC_San_Biosolids_Annual_Report_2023_Part-2_Appx-A.pdf	02/15/2024 7:49 PM	2.70 MB
OC_San_Biosolids_Annual_Report_2023_Part-3_Appx-B,C,E.pdf	02/15/2024 7:49 PM	2.26 MB
OC_San_Biosolids_Annual_Report_2023_Cover_Letter.pdf	02/15/2024 8:50 PM	286.95 KB

#### Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than

true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Lan Wiborg (LWIBORG@OCSD.COM)

Certified On: 02/15/2024 6:05 PM ET

# Appendix E. ADEQ Biosolids Annual Report Form



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

AZPDES Individual Permits Unit 1110 W Washington Street Phoenix, Arizona 85007 (602) 771-4689 (voicemail) (602) 771-4505 (fax) Email to: biosolids@azdeq.gov

BIOSOLIDS OR SEWAGE SLUDGE ANNUAL REPORT FORM		
1. Program Information: All preparers (Generators) and Land Applicators Must complete the following.		
Reporting Start Date:1/1/2023 Reporting End Date: 12/31/2023		
Date: 2/12/2024	AZPDES Permit # (if applicable ):Click here to enter text.	
Company name (Preparer / Applicator): Orange County Sar	nitation District, Plant No. 1 and Plant No. 2	
Contact Name: Lan C. Wiborg	Title: Director of Environmental Services	
Address: 10844 Ellis Ave., Fountain Valley, CA 92708		
Phone: 714-593-7450	E-mail: lwiborg@ocsan.gov	
Please select one of the following options pertaining to your	obligation to submit a Biosolids Annual Report. My facility is a:	
oxtimes POTW with a design flow equal to or greater than 1 MGD	Per Day	
oxtimes POTW that serves 10,000 people or more		
$\Box$ Class I Sludge Management Facility as defined by 40 CFR 5	503.9	
☐ Biosolids Applicator (Complete Section 5 only)		
□ Other Click here to enter text.		
What is the estimated total of volume of biosolids or sewage sludge generated at your facility (in dry metric tons)?		
44,668		
Were all biosolids removed from your facility sent to a landfill for disposal? <b>No</b>		
If yes, provide the name and address of the landfill(s). Click here to enter text.		
If all biosolids or sewage sludge was sent to a landfill for disposal, you do not need to complete the remainder of this form, as it is only applicable to facilities preparing biosolids or sewage sludge for land application.		
Certification: I certify, under penalty of law, that the information and descriptions, have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.		
Signature:	Date: 2/15/2024	
Title: Director of Environmental Services	dan 1. Will	

2.	Generator/Preparers -	Biosolids Storage and	<b>Treatment Processes</b>

2.	1 Please check the box next to the following biosolids or sewage sludge storage practices and treatment processes used on the sewage sludge or biosolids generated or produced at your facility during the reporting period.
	Storage Practices
	☐ Biosolids are stored in lined lagoons or impoundments
	$\square$ Biosolids stored directly on the ground
	Physical Treatment Processes
	☐ Preliminary Operations (e.g. sludge grinding, degritting, blending)
	☐ Thickening (e.g. gravity floatation, centrifugation, belt filter press, vacuum filter)
	☐ Sludge lagoon
	Pathogen Reduction Operations (PSRP)
	☐ Aerobic Digestion
	☐ Air Drying (or "sludge drying beds")
	□ Anaerobic Digestion
	☐ Lower Temperature Composting
	☐ Lime Stabilization
	Process to Further Reduce Pathogens (PFRP)
	☐ Higher Temperature Composting
	☐ Heat Drying (e.g. flash dryer, spray dryer, rotary dryer)
	$\Box$ Heat Treatment (Liquid sewage sludge is heated to temp of 356 °F (180 °C) or higher for 30 minutes
	☐ Thermophilic Aerobic Digestion
	☐ Beta Ray Irradiation
	☐ Gamma Ray Irradiation
	☐ Pasteurization

- 3. Generators/Preparers: Disposition of Biosolids or Sewage Treatment Sludge:
- 3.1 At the beginning of the year, did you have any biosolids or sewage sludge stored on site or remaining from previous years? Include any amount that is being stored anywhere. **No**

If yes provide the following information:

	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	Click here to enter text.	Click here to enter text.
Pathogen Testing	Choose an item.	Not applicable
Pathogen Reduction Method	Choose an item.	Choose an item.
Vector Attraction Reduction Method	Choose an item.	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

3.2 At the end of the year, are any biosolids or sewage sludge stored on site? No

If yes, provide the following information:

	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	Click here to enter text.	Click here to enter text.
Pathogen Testing	Choose an item.	Not applicable
Pathogen Reduction Method	Choose an item.	Choose an item.
Vector Attraction Reduction Method	Choose an item.	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

3.3 Were biosolids or sewage sludge received from another facility during the year, such as another wastewater treatment plant or another APP permitted facility for further processing? **No** 

If yes provide the following information for each facility. Click the plus sign to create as many tables as needed.

Name of Facility		
Location:		
	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	Click here to enter text.	Click here to enter text.
Pathogen Testing	Choose an item.	Not applicable
Pathogen Reduction Method	Choose an item.	Choose an item.
Vector Attraction Reduction Method	Choose an item.	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

3.4. Were biosolids removed from your facility for land application? Include all recipients, including haulers, name, phone number, land applicators, composters, drying facilities, EQB bagging facilities, bulk composting, etc.

Name of Facility	Tule Ranch / Ag-Tech	
Management Practice Type:	Agricultural Land application	
Handler or Preparer Type:	Off-Site Third-Party Handler or	Applier
Management Practice Detail:	Agricultural Land application	
Bag or Bulk Container:	Bulk Container	
	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	Click here to enter text.	18,825
Pathogen Testing	Choose an item.	Not applicable
Pathogen Reduction Method	Choose an item.	Alternate 5 - anaerobic digestion
Vector Attraction Reduction Method	Choose an item.	Option 1 - mass reduction
Storage Locations	Click here to enter text.	Click here to enter text.

Name of Facility	Synagro Nursery Products	
Management Practice Type:	Composting	
Handler or Preparer Type:	Off-Site Third-Party Preparer	
Management Practice Detail:	Composting	
Bag or Bulk Container:	Bulk Container	
	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	5,684	Click here to enter text.
Pathogen Testing	Salmonella	Not applicable
Pathogen Reduction Method	Alternate 5 - composting	Choose an item.
Vector Attraction Reduction Method	Option 5 - aerobic treatment	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

Name of Facility	Synagro Arizona Soils	
Management Practice Type:	Composting	
Handler or Preparer Type:	Off-Site Third-Party Preparer	
Management Practice Detail:	Composting	
Bag or Bulk Container:	Bulk Container	
	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	637	Click here to enter text.
Pathogen Testing	Salmonella	Not applicable
Pathogen Reduction Method	Alternate 5 - composting	Choose an item.
Vector Attraction Reduction Method	Option 5 - aerobic treatment	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

Name of Facility	Inland Empire Regional Composting Facility	
Management Practice Type:	Composting	
Handler or Preparer Type:	Off-Site Third-Party Preparer	
Management Practice Detail:	Composting	
Bag or Bulk Container:	Bulk Container	
	CLASS A Biosolids	Class B Biosolids
Dry Ton Weight	2,141	Click here to enter text.
Pathogen Testing	Salmonella	Not applicable
Pathogen Reduction Method	Alternate 5 - composting	Choose an item.
Vector Attraction Reduction Method	Option 5 - aerobic treatment	Choose an item.
Storage Locations	Click here to enter text.	Click here to enter text.

Name of Facility	Synagro Liberty Compost			
Management Practice Type:	Composting			
Handler or Preparer Type:	Off-Site Third-Party Preparer			
Management Practice Detail:	Composting			
Bag or Bulk Container:	Bulk Container			
	CLASS A Biosolids	Class B Biosolids		
Dry Ton Weight	10,050	Click here to enter text.		
Pathogen Testing	Salmonella	Not applicable		
Pathogen Reduction Method	Alternate 5 - composting	Choose an item.		
Vector Attraction Reduction Method	Option 5 - aerobic treatment	Choose an item.		
Storage Locations	Click here to enter text.	Click here to enter text.		

Name of Facility	Synagro South Kern Compost Man	ufacturing		
Management Practice Type:	Composting			
Handler or Preparer Type:	Off-Site Third-Party Preparer			
Management Practice Detail:	Composting			
Bag or Bulk Container:	Bulk Container			
	CLASS A Biosolids	Class B Biosolids		
Dry Ton Weight	7,331	Click here to enter text.		
Pathogen Testing	Salmonella	Not applicable		
Pathogen Reduction Method	Alternate 5 - composting	Choose an item.		
Vector Attraction Reduction Method	Option 5 - aerobic treatment	Choose an item.		
Storage Locations	Click here to enter text.	Click here to enter text.		

Enter any content that you want to repeat, including other content controls. You can also insert this control around table rows in order to repeat parts of a table.

### 4. Generators/Preparers : Biosolids or Sewage Sludge Analytical Methods

Arizona regulations specify that representative samples of sewage sludge that is land applied, placed on a surface disposal site, or fired in s sewage sludge incinerator, must be collected and analyzed. These regulations specify the analytical methods that must be used to analyzed samples of sewage sludge.

		D 11 (:C) 1 D						
.Parameter	Method Number or Author	Results (if tested)	Comments (required if other)					
Pathogens								
Ascaris ova.	No Analytical Method Used	Click here to enter text.	Not Applicable					
Fecal Coliform	No Analytical	Click here to enter text.	Not Applicable					
	Methods Used		, , , , , , , , , , , , , , , , , , ,					
Helminth ova.	No Analytical	Click here to enter text.	Not Applicable					
	Methods Used							
Salmonella sp. Bacteria	No Analytical Methods Used	Click here to enter text.	Not Applicable					
Total Cultural	No Analytical	Click here to enter text.	Not Applicable					
Viruses	Methods Used							
Metals								
Arsenic	EPA Method 6010 -	See attached OC San Biosolids	Click here to enter text.					
	Arsenic (ICP-OES)	Management Compliance						
		Report, Appendices A, C,						
		and D.						
Beryllium	Other Beryllium	See attached OC San Biosolids	EPA Method 6010 - Beryllium					
	Analytical Method	Management Compliance						
		Report, Appendix C.						
Cadmium	EPA Method 6010 -	See attached OC San Biosolids	Click here to enter text.					
	Cadmium (ICP-OES)	Management Compliance						
		Report, Appendices A, C,						
Chara and and	EDA Martha el CO1O	and D.	Clial, have to sutoute.					
Chromium	EPA Method 6010 - Chromium (ICP-OES)	See attached OC San Biosolids  Management Compliance	Click here to enter text.					
	Cironilani (ICF-0E3)	Report, appendices A and C.						
Copper	EPA Method 6010 -	See attached OC San Biosolids	Click here to enter text.					
- COPPC!	Copper (ICP-OES)	Management Compliance	Charlete to effect texts					
	(10. 010)	Report, Appendices A, C,						
		and D.						
Lead	EPA Method 6010 -	See attached OC San Biosolids	Click here to enter text.					
	Lead (ICP-OES)	Management Compliance						
		Report, Appendices A, C,						
		and D.						
Mercury	EPA Method 7471 -	See attached OC San Biosolids	Click here to enter text.					
	Mercury (CVAA)	Management Compliance						

		Report, Appendices A, C, and D.	
Molybdenum	EPA Method 6010 - Molybdenum (ICP- OES)		Click here to enter text.
Nickel	EPA Method 6010 - Nickel (ICP-OES)	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Selenium	EPA Method 6010 - Selenium (ICP-OES)	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Zinc	EPA Method 6010 - Zinc (ICP-OES)	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Nitrogen Compounds	5		
Ammonia Nitrogen	Standard Method 4500-NH3 - Ammonia Nitrogen	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Nitrate Nitrogen	Other Nitrate Nitrogen Analytical Method	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	EPA 9056A
Nitrogen	Other Nitrogen Analytical Method	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Calculation
Organic Nitrogen	Other Organic Nitrogen Analytical Method	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Calculation
Total Kjeldahl Nitrogen	EPA Method 351.2 - Total Kjeldahl Nitrogen	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Other Analytes			
Fixed Solids	No Analytical Method Used	Click here to enter text.	Not Applicable
Paint Filter Test	No Analytical Method Used	Click here to enter text.	Not Applicable

рН	EPA Method 9045 - pH (> 7% solids)	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Specific Oxygen Uptake Rate	No Analytical Method Used	Click here to enter text.	Not Applicable
TCLP	No Analytical Method Used	Click here to enter text.	Not Applicable
Temperature	No Analytical Method Used	Click here to enter text.	Not Applicable
Total Solids	Standard Method 2540 - Total Solids	See attached OC San Biosolids Management Compliance Report, Appendices A, C, and D.	Click here to enter text.
Volatile Solids	Standard Method 2540 - Volatile Solids	See attached OC San Biosolids Management Compliance Report, Appendix A and D.	Click here to enter text.
No Analytical Methods Used	not applicable	Click here to enter text.	Click here to enter text.

# ADEQ Arizona Department of Environmental Quality

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

AZPDES Individual Permits Unit
1110 W Washington Street
Phoenix, Arizona 85007
(602) 771-4689 (voicemail) (602) 771-4505 (fax)

5. Land Applica	ators: Sp	ecific informatio	n to be cor	npleted by Land	Applicators (	Only								
Application Site / Location	.Field ID	Amount of Biosolids Applied (in dry tons)	Preparer	Pathogen Treatment Method	.Vector Attraction Reduction Method	Loading Rate	Nitrogen Conc. (Organic + ammonium)	Type of Crop Grown After Application	Agronomic Rate of Crop Grown	The <u>Cumulative</u> Concentration of Pollutants  (kilograms per hectare) in Soil				
Example:  ABC Farms,  Aztec AZ	1.4	350 tons	Aztec WWTP	Class B Alt. 2	Optíon 9	Tons or Kg/acre		Corn						
1. Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	As=Click here to enter text.	Cd=Click here to enter text.  Mo=Click	Cr=Click here to enter text.  Ni=Click	Cu=Click here to enter text. Se=Click	Pb=Click here to enter text. Zn=Click
										here to enter text.	here to enter text.	here to enter text.	here to enter text.	here to enter text.
2. Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	As=Click here to enter text.	Cd=Click here to enter text.	Cr=Click here to enter text.	Cu=Click here to enter text.	Pb=Click here to enter text.
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	Click									As=Click	Cd=Click	Cr=Click	Cu=Click	Pb=Click

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<b>3.</b> Click here to enter text.	to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	_	enter text.  Mo=Click	enter text.	enter text.	enter text.  Zn=Click
										here to enter text.	here to enter text.	here to enter text.	here to enter text.	here to enter text.
<b>4.</b> Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	As=Click here to enter text.  Hg=Click here to enter	Cd=Click here to enter text.  Mo=Click here to enter	Cr=Click here to enter text.  Ni=Click here to enter	Cu=Click here to enter text.  Se=Click here to enter	Pb=Click here to enter text.  Zn=Click here to enter
<b>5.</b> Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	As=Click here to enter text.  Hg=Click here to enter text.	Cd=Click here to enter text.  Mo=Click here to enter text.	Cr=Click here to enter text.  Ni=Click here to enter text.	cu=Click here to enter text.  Se=Click here to enter text.	Pb=Click here to enter text.  Zn=