The Boeing Company
Santa Susana Field Laboratory
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Via CIWQS

12 July 2024
In reply refer to SHEA-116809

Information Technology Unit
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: First Quarter 2024 NPDES Discharge Monitoring Report - Addendum
Compliance File CI-6027 and NPDES No. CA0001309
Santa Susana Field Laboratory
Ventura County, California

The Boeing Company (Boeing) hereby submits this Discharge Monitoring Report (DMR) Addendum (Addendum) for the Santa Susana Field Laboratory (Santa Susana Site) for the period of 1 January through 31 March 2024 (First Quarter 2024). This Addendum amends the First Quarter 2024 DMR that Boeing submitted on 15 May 2024 to include results from laboratory reports that were not transmitted to Boeing from the laboratory before 15 May.

This Addendum was prepared as required by, and in accordance with, the National Pollutant Discharge Elimination System Permit No. CA0001309 (NPDES Permit) issued by the Los Angeles California Regional Water Quality Control Board (Regional Board) in 2023 (California Regional Water Quality Control Board, Los Angeles Region, 2023). Analytical data for all First Quarter 2024 sampling results is included in Appendix C, and exceedances for the data received after 15 May 2024 are included in Appendix D.

An electronic version of this Addendum is located at:
http://www.boeing.com/principles/environment/santa-susana/monitoring-reports.page.

ADDENDUM CONTENTS

This Addendum includes the following sections:

- Summary of Exceedances and/or Non-Compliance
- Contested NPDES Permit Conditions

SUMMARY OF EXCEEDANCES AND/OR NON-COMPLIANCE

First Quarter 2024 exceedances of Daily Maximum Permit limits, Receiving Water limits, or other non-compliance for the data received after 15 May 2024 included:

- Aluminum at Outfalls 001, 002, and 009;
- Lead at Outfall 009; and
- Manganese at Outfall 001.

The following *Escherichia coli* (*E. coli*) detections were reported in the 15 May 2024 DMR. A clarification of the Statistical Threshold value calculations for this data is included in this Addendum.

- *E. coli* at the Arroyo Simi Receiving Water monitoring locations (RSW-002 [Downstream] and RSW-003 [Upstream]); and
- *E. coli* at the Bell Creek Receiving Water sampling location (RSW-001, Outfall 002).

ALUMINUM AT OUTFALLS 001, 002, AND 009

Aluminum was detected in stormwater samples collected from the following outfalls above the Daily Maximum Permit Limit of 1.0 milligrams per liter (mg/L):

- Outfall 001 on 20 February 2024, and 31 March 2024 at 4.8 and 3.5 mg/L, respectively;
- Outfall 002 on 2 February 2024, 20 February 2024, and 31 March 2024 at 5.7, 1.7, and 1.3 mg/L, respectively; and
- Outfall 009 on 20 February 2024, 08 March 2024, and 31 March 2024 at 6.6, 7.1, and 12 mg/L, respectively.

The NPDES Permit establishes new effluent limitations for aluminum, based on the reasonable potential analysis performed by the Regional Board. However, Boeing believes that aluminum limits are improper because significant evidence (including data and analyses produced from studies conducted by the Stormwater Expert Panel, and data on aluminum concentrations in sitewide surface soils relative to background threshold values, as presented in its 2023 Annual Report) shows aluminum is naturally occurring and not residual from former industrial operations at the Santa Susana Site. The Expert Panel will evaluate these exceedances in their 2024 Annual Report.

LEAD AT OUTFALL 009

Lead was detected above the Daily Maximum Permit Limit of 5.2 micrograms per liter (µg/L) from Outfall 009 on the following dates:

- 20 February at 160 µg/L; and
- 8 March at 190 µg/L.

Lead was also detected above the Daily Maximum Permit Limit of 2.8 pounds per day (lbs/day) from Outfall 009:

- 31 March 2024 at 5.2 lbs/day.

Boeing investigations of lead detections in stormwater are currently focused on the Former Shooting Range Remediation Project that started in June 2023. The remedial work is located within the upper-most reaches of the Outfall 009 watershed and is an ongoing effort to remove lead in accordance with an Imminent and Substantial Endangerment Determination and Consent Order issued by the Department of Toxic Substances

Control (DTSC, 2022). Before and throughout the course of the remedial work, Boeing has installed, and continues to install, more robust best management practices (BMPs) at the Former Shooting Range, in accordance with the Construction Stormwater Pollution Prevention Plan (SWPPP) prepared for this project (Stantec, 2022b) and incorporated in the Removal Action Workplan (Stantec, 2022a). The Stormwater Expert Panel provided construction BMP recommendations prior to and during the remedial work for the Former Shooting Range area and is expected to make additional post-remediation stabilization recommendations for disturbed soils areas of the Former Shooting Range area.

MANGANESE AT OUTFALL 001

Manganese was detected above the Daily Maximum Permit Limit of 50 µg/L from Outfall 001:

- 2 February 2024 at 100 µg/L.

Boeing believes the manganese concentration at Outfall 001 during the First Quarter 2024 is attributable to natural soils. This conclusion is consistent with the findings in prior site studies conducted by the Stormwater Expert Panel, which confirmed that manganese is naturally occurring in site soils unrelated to former industrial operations (Expert Panel, 2023). The Expert Panel will evaluate this exceedance in their 2024 Annual Addendum.

Escherichia coli at Arroyo Simi Receiving Water (RSW-002, Downstream and RSW-003, Upstream)

The following *E. coli* detections were reported in the 15 May 2024 DMR. A clarification of the Statistical Threshold value calculations for this data is included below.

RSW-002

On 22, 23, 24, and 25 January 2024, *E. coli* was detected at 11,000, 9,800, 3,200, and 580 MPN/100mL, respectively, in samples collected off site at the Arroyo Simi RSW-002 (downstream) location, approximately 4 miles downstream of Outfall 009. Bacteria counts in these four samples created a statistical occurrence of more than 10% of all *E. coli* samples collected in a calendar month being above the Statistical Threshold Value Limit of 320 MPN/100mL. One additional *E. coli* sample was collected, and all five samples were used to calculate the geometric mean for *E. coli*. The calculated geometric mean for *E. coli* of 1,817 MPN/100mL for RSW-002 was above the geometric mean receiving water limit of 100 MPN/100mL.

RSW-003

On 22, 23, 24, 25, and 26 January 2024, *E. coli* was detected at 10,000, 2,200, 2,000, 650, and 520 MPN/100mL, respectively, in samples collected off site at the Arroyo Simi RSW-003 (upstream) location, which is upstream of RSW-002 and upstream from the point where discharge from Outfall 009 enters the Arroyo Simi. Bacteria counts in these five samples created a statistical occurrence of more than 10% of all *E. coli* samples collected in a calendar month being above the Statistical Threshold Value Limit of 320 MPN/100mL. These samples were used to calculate the geometric mean for *E. coli*. The calculated geometric mean for *E. coli* of 1,716 MPN/100mL for RSW-003 was above the geometric mean receiving water limit of 100 MPN/100mL.

On 22 January 2024, a stormwater sample was collected from Outfall 009 and subsequently analyzed for human specific *Bacteroides* to determine whether bacteria present in this sample were likely from human sources. Laboratory analysis reported human-specific markers were not present in the sample from Outfall 009. Therefore, Boeing believes that the *E. coli* detected at RSW-002 and RSW-003 originated from wildlife or other sources not related to the Santa Susana Site.

CONTESTED NPDES PERMIT CONDITIONS

Boeing has filed a lawsuit in Los Angeles Superior Court (the "Action") against the Regional Board challenging certain conditions in the NPDES Permit (the "Contested Conditions"). The Contested Conditions include, but are not limited to, requirements for stormwater monitoring of PCBs using Method 1668C; monitoring of additional constituents identified in the Standardized Risk Assessment Methodology ("SRAM"); effluent limits at Outfalls 001 and 002, and effluent limits for aluminum at multiple outfalls. Despite the substantial harm Boeing will incur by complying with these Contested Conditions while the Action is pending, Boeing nonetheless is complying with those Contested Conditions, under protest, by submitting this Addendum. In so complying, Boeing neither waives any rights to pursue its petitions or appeals, nor admits the propriety of such Contested Conditions. Boeing reserves all rights to pursue the Action, and any subsequent appeals.

PCBS BY EPA METHOD 1668C

Section 4.1 of the Monitoring and Reporting Program, Attachment E to the NPDES Permit, requires Boeing to conduct monitoring of PCB congeners using Method 1668C or a high-resolution EPA-approved method. Although Boeing is complying with the NPDES Permit requirement to analyze PCB congeners for informational purposes, Method 1668C is not an appropriate method to evaluate whether PCBs are present as a result of industrial operations at the Santa Susana Site because there are substantial data quality problems with the method. The EPA has determined that Method 1668C is not reliable and has declined to approve it for use in Clean Water Act (CWA) monitoring[1]. Among numerous issues identified with the method[2], it is likely to generate "false positive" results due to its high sensitivity and the ubiquity of low-level background PCB contamination, including in analytical labs[3]. In addition to problems with laboratory background contamination, Method 1668C specifies detection limits for PCB congeners that are low enough to detect PCB concentrations present in ambient rainwater due to atmospheric contamination[4]. Because of these data quality issues, the method is unreliable for evaluating whether PCBs are present as a result of industrial operations at a site.

EPA currently is considering another method for PCB congener analysis in stormwater NPDES permits under the CWA, Method 1628. This is in part because of problems with Method 1668C, including "The fact that Method 1668 is a highly sensitive method can also be problematic because PCBs are routinely detected below ambient background levels."[5] While Boeing disagrees that congener testing is warranted (PCBs have not been detected in over 1,750 stormwater samples collected since 1998 using the approved EPA Method 608.3,[6]),

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[1] 77 Federal Register (FR) 29758 (rejection of use of Method 1668C for CWA monitoring) and 88 FR 59662 (rejection of use of Method 1668C in the Toxic Substances Control Act context because of unreliability of method).

[2] Additional data quality issues identified with the method include performance-based measurement system (PBMS) issues, calibration issues, chromatography issues, extraction issues, sample volume flexibility issues, mass interference issues, interference issues from co-eluting compounds, ongoing precision and recovery (OPR) accuracy issues, blank correction, and reporting issues. See the report *Review and Evaluation of EPA Method 1668*, prepared by Environmental Standards, Inc., dated 21 December 2010, available in EPA's Clean Water Act rulemaking docket at https://www.regulations.gov/docket/EPA-HQ-OW-2010-0192.

[3] https://www.epa.gov/system/files/documents/2021-07/report-on-multi-lab-validation-of-cwa-method-1628-for-pcb-congeners_april-2021.pdf.

[4] https://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2005-010/05_0426/OC_6_TechnicalReport.pdf.

[5] Report on the Multi-laboratory Validation of Clean Water Act Method 1628 for PCB Congeners, April 2021. https://www.epa.gov/system/files/documents/2021-07/report-on-multi-lab-validation-of-cwa-method-1628-for-pcb-congeners_april-2021.pdf.

[6] Testimony provided by Boeing in the Regional Board hearing on 19 October 2023.

Method 1628 would be preferable to Method 1668C because this alternative method addresses some of the data quality concerns with Method 1668C.

In accordance with the new NPDES Permit requirement, Boeing instructed the laboratory to report PCBs by EPA Method 1668C; however, the laboratory reported PCBs using EPA Method 1668A. The laboratory uses EPA Method 1668A as it is analogous to EPA Method 1668C. Both methods report high resolution PCB congeners with no material differentiation in the sample preparation, analysis, or reporting procedures. The sole differentiator between the two analytical methods is related to Quality Assurance/Quality Control (QA/QC) criteria (EPA, 2010). Generally, the QC criteria applied to 1668A analytical results is more rigorous than 1668C; as such, any analytical results to which 1668A QC criteria has been applied will meet all requirements of 1668C. The reported results for the analysis of PCB congeners on samples using Method 1668A are thus the results that would have been reported using Method 1668C. Method 1668A also shares the data quality problems that exist for Method 1668C[7].

Forty-four PCB congeners were analyzed as required under the NPDES Permit, of which 32 PCB congeners contained laboratory-introduced contamination, as evidenced by detections of those PCB congeners in the method blank samples. In addition to data quality concerns due to laboratory contamination, all of the PCB congener concentrations detected in the samples are less than PCB concentrations expected to be present in rainwater due to atmospheric contamination, even in areas that are unimpacted by prior industrial activity. For example, published measurements of PCBs in rainwater at rural locations in the Great Lakes identified an annual volume-weighted mean concentration of 10 nanograms per liter (ng/L) and annual volume-weighted concentrations ranging from 3 to 22 ng/L[8]. These data quality concerns with Method 1668C (which also exist with Method 1668A) render it impossible to determine if PCB congener detects in the data received to date are the result of laboratory contamination, ambient concentrations of PCBs in rainwater due to atmospheric contamination, or PCBs that may originate from industrial operations, if present at all.

SRAM

Section 3 and Section 3.2 of the Monitoring and Reporting Program, Attachment E to the NPDES Permit, requires Boeing to conduct monitoring of "additional remaining constituents of potential concern (COPCs) as identified [by] [Department of Toxic Substances Control] DTSC for all media in Attachment 1 of Appendix D of the 2014 Standardized Risk Assessment [Methodology] (SRAM), with updates as identified in Table 12-1 of Appendix F of the 2022 SRAM" ("SRAM Constituents") (DTSC, 2014). 138 SRAM Constituents not already included in the prior NPDES Permit were identified. Boeing was able to submit samples to the laboratory for analysis of 126 of these SRAM Constituents. Boeing has been unable to find a certified laboratory that currently offers analysis of stormwater using an EPA-approved analytical method (or any method) for 12 of the 138 SRAM Constituents. Those 12 constituents are: 1,2-dinitrobenzene, 3-chloro-2(chloromethyl)-1-propene, Aroclor 5460, dibenzyl ether, dibromofluoromethane, Freon 22 (chlorodifluoromethane), methyl sulfide, m-terphenyl, o-terphenyl, p-terphenyl, tetralin, and tetramethylurea.

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[7] See the 2010 report by Environmental Standards, Inc. referenced in footnote 2.

[8] These measurements were used to estimate atmospheric deposition rates for PCBs in the TMDL for the Calleguas Creek Watershed that was adopted by the Regional Board and is incorporated by reference in the NPDES Permit. See https://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2005-010/05_0426/OC_6_TechnicalReport.pdf. The TMDL technical report linked here notes that while studies estimating the local deposition rate of atmospheric PCB contamination were not available, results from a study in Texas were comparable to studies conducted in North America and elsewhere, including in the Great Lakes Region. The Great Lakes Region study is discussed here and referenced as follows:
Chan, C.H. Bruce, G. and Harrison, G. Wet Deposition of Organochlorine Pesticides and Polychlorinated Biphenyls to the Great Lakes. Journal of Great Lakes Research 20(3): 546-560. 1994.

To attempt to identify a certified laboratory that could perform the analyses for these 12 constituents, Boeing conducted a nationwide search of Eurofins laboratories; however, no Eurofins laboratory was identified that could perform the requested analyses. Boeing then consulted a national database called The NELAC Institute Laboratory Accreditation Management System (TNI LAMS), which lists, by analyte, any laboratory in the country that has a certification, through Environmental Laboratory Accreditation Program (ELAP) or other accreditation bodies, to analyze a particular constituent. Using TNI LAMS, Boeing identified laboratories that have certification for 3 of the 12 SRAM Constituents. Boeing contacted each of those laboratories, but none currently offer analysis of these 3 constituents. Therefore, Boeing was unable to arrange for the analysis of those 12 SRAM Constituents at a certified laboratory using EPA-approved analytical methods (or any method).

The NPDES Permit requires that "Pollutants shall be analyzed using the analytical methods described in 40 CFR Sections 136.3, 136.4, and 136.5 (revised 28 August 2017); or, where no methods are specified for a given pollutant, by methods approved by this Los Angeles Water Board or the State Water Resources Control Board (State Water Board)." Because there are no approved analytical methods for nine of the constituents and there are no laboratories that offer certified methods for the other three constituents, the Los Angeles Board asked if there are alternative analyses or methods that could be used. Boeing conducted a search for substitute alternative analyses or methods; however, alternate analyses or methodologies were not identified that would provide information about the permit-specified constituents.

CONCLUSIONS

Boeing is committed to fulfilling the requirements of the NPDES Permit and continues to implement, maintain, and monitor wide-ranging control practices intended to improve water quality at stormwater discharge locations at the Santa Susana Site through methods designed to preserve the natural conditions in the watershed to the maximum extent feasible by implementing distributed, sustainable erosion control/restoration measures.

A total of 24.84 inches of rain was recorded at the Area 1 weather station during First Quarter 2024 alone, above the average annual rainfall of 17.70 inches per year. In a quarter with high-rainfall, high-intensity events, including a 100-year-rain event (over 8 inches of rain occurred in 24 hours), based on the analytical data, Boeing believes that most of the detected exceedances are likely attributable to wildlife, background or non-industrial sources, which is consistent with the research and conclusions of the Stormwater Expert Panel. The Expert Panel is reviewing the data collected and will make BMP and monitoring recommendations that will be communicated in the Expert Panel's 2024 Annual Report.

FACILITY CONTACT

If there are any questions regarding this Addendum or its enclosures, you may contact Mr. Jeffrey Wokurka of Boeing at (818) 466-8800.

CERTIFICATION

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 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on the 12th of July 2024 at The Boeing Company, Seal Beach, California Site.

Sincerely,

Kim O'Rourke

Kim O'Rourke
Global Remediation and Due Diligence Program Manager
Global Enterprise Sustainability – Environment

Enclosures:
Attachments:
Appendix C - Discharge Monitoring Data Summary Tables, First Quarter 2024
Appendix D - NPDES Permit Limit Exceedances and/or Non-Compliance, First Quarter 2024
(Amended with data received after 15 May 2024)

References

1. California Regional Water Quality Control Board, Los Angeles Region, 2023. *Waste Discharge Requirements for The Boeing Company, Santa Susana Field Laboratory (Order No. R4-2023-0359, NPDES No. CA0001309, CI Number 6027)*. 19 October.

2. Department of Toxic Substances Control (DTSC), 2014. *Final Standard Risk Assessment Methodology Revision 2 Addendum*, Santa Susana Field Laboratory, Ventura County, California. August.

3. DTSC, 2022. *Former Rocketdyne-Atomics International Rifle and Pistol Club Shooting Range and Overshot Area Imminent and Substantial Endangerment Determination and Consent Order, Simi Valley, Ventura Country, CA (Docket No. HAS-FY21/22-131)*. 25 March.

4. Geosyntec and the Expert Panel, 2023. *Santa Susana Field Laboratory Site-wide Stormwater Annual Report, 2022/23 Reporting Year, Ventura County, California (NPDES No. CA0001309, CI No.6027)*. October.

5. Stantec Consulting Services, Inc., 2022a. *Draft Removal Action Workplan (RAW), Former Rocketdyne – Atomics International Rifle and Pistol Club Shooting Range and Overshot Area, Sage Ranch Park, Ventura County, California*. May.

6. Stantec Consulting Services, Inc., 2022b. *Stormwater Pollution Prevention Plan for Former Shooting Range Remedial Action, Santa Susana Field Laboratory, Ventura County, California*. August.

APPENDIX C

Discharge Monitoring Data Summary Tables, First Quarter 2024

APPENDIX C

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REPORTING SUMMARY NOTES
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY NPDES
PERMIT CA0001309

Not all the following notes, abbreviations, symbols, or acronyms occur on every table:

1. Exceedances are constituents detected in excess of daily maximum permit limits or receiving water limits. Analytical concentrations or calculations to determine compliance to the NPDES permit are compared to the same number of significant figures as the daily maximum permit limits or receiving water limits.

2. Dissolved metals are filtered by the laboratory and reported as "Metal, dissolved". Total metals are not filtered by the laboratory and reported as "Metal".

3. If the laboratory reported multiple analytical results for the same analyte, the table shows the result with the lowest reporting limit. Both results are reported on CIWQS. Table C-10 has various constituents that were analyzed by the laboratory due to field and laboratory error.

4. Abbreviations, symbols, and acronyms:

–92.9 +/–200	A negative radiochemical analytical result indicates the count rate of the sample was less than the background condition. Radiological results are presented as activity plus or minus total uncertainty.
%	Percent.
$	Reported result or other information was incorrectly reported by the laboratory; result was corrected by the data validator.
--	Based on validation of the data, a qualifier was not required.
-	No NPDES permit limit established for daily maximum or receiving water limit.
>(value)	Greater than most probable number.
*	Result not validated.
**	Flow for each outfall is calculated over the 24-hour period when the outfall autosampler is operating to collect the composite sample. See definition of "Daily Discharge" on page A-1 of attachment A of the 2023 NPDES permit.
*1	Improper preservation of sample.
*3	Initial and or continuing calibration recoveries were outside acceptable control limits.
*10	Value was estimated detect or estimated non-detect (J, UJ) due to deficiencies in quantitation of the constituent including constituents reported by the laboratory as estimated maximum possible concentration (EMPC) values.
*III	Unusual problems found with the data that have been described in the validation report.
ANR	Analysis not required; e.g., constituent or outfall was not required by the NPDES permit to be sampled and analyzed over the reporting period (annual, semi- annual, etc.).
B	Presumed contamination as indicated by the preparation (method) blank results.
BEF	Bioaccumulation equivalency factor.
C	Calibration %RSD or %D was noncompliant or Correlation coefficient is <0.995.
Comp	Composite sample.
CEs/100 ml	Cell equivalents per 100 milliliters.
D	The analysis with this flag should not be used because another more technically sound analysis is available.
Deg C	Degrees Celsius.

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Deg F	Degrees Fahrenheit.
DL	Detection limit.
DNQ	Detected but not quantified (constituent value greater than or equal to the laboratory method detection limit and less than the laboratory reporting limit).
E	E in validation qualifier indicates that duplicates show poor agreement.
F	The analyte was detected in an associated field blank (FB) or equipment blank (EB) as well as in the sample.
FB	Field blank.
ft/sec	Feet per second.
gpd	Gallons per day.
H	Holding time was exceeded.
I	Internal standard performance was unsatisfactory.
J	Estimated value.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
L	Laboratory control standard (LCS)/laboratory control standard duplicate (LCSD), relative percent difference (RPD) was outside the control limit.
LBS/DAY	Pounds per day.
MDL	Method detection limit.
Meas	Measure sample type.
MFL	Million fibers per liter.
MGD	Million gallons per day.
mg/L	Milligrams per liter.
mg/kg	Milligrams per kilogram.
ml/L	Milliliters per liter.
ml/L/hr	Milliliters per liter per hour.
MPN/100 mL	Most probable number per 100 milliliters.
MQL	Method quantitation limit.
MS	Matrix spike.
MSD	Matrix spike duplicate.
mS/cm	MilliSiemens per centimeter.
NA	Not applicable (i.e., NPDES permit limit not established for the constituent and/or outfall or analyte not required per receiving water monitoring requirements.)
ND	Analyte not detected.
ng/L	Nanograms per liter.
NM	Not measured or determined or minimum detectable activities (MDAs) are not calculated as there is no statistical method for combining MDAs.
NPDES	National Pollutant Discharge Elimination System.
NR	Not reported by laboratory by the deadline of this report.
NTU	Nephelometric turbidity unit.
ppb	Parts per billion.
pCi/L	PicoCuries per liter.

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Q	Matrix spike (MS)/matrix spike duplicate (MSD) relative percent difference (RPD) was outside the control limit.
R	As a validation qualifier, results are rejected; the presence or absence of analyte cannot be verified.
(R)	Percent recovery (%R) for calibration not within control limits.
RL	Laboratory reporting limit.
RPD	Relative percent difference.
%R	Percent recovery.
S	Surrogate recovery was outside control limits.
s.u.	Standard unit.
TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin.
TEQ	Toxic equivalent.
TIC	Tentatively identified compound
TIE	Toxicity identification evaluation
T	Presumed contamination, as indicated by a detect in the trip blank.
U	Result not detected.
µg/L	Micrograms per liter.
µg/g	Micrograms per gram.
µg/kg	Micrograms per kilogram.
µmhos/cm	Micromhos per centimeter.
UJ	Result not detected at the estimated reporting limit.
WHO TEF	World Health Organization toxic equivalency factor.
(a)	Analysis not completed due to hold time exceedance or insufficient sample volume.
(b)	The composite sample was collected as a grab sample from the stream due to insufficient flow.
(c)	Total Ammonia is reported in wet weight units' milligrams per kilogram (mg/kg).
(d)	Total organic carbon (TOC) is reported in dry weight units. Permit asks for TOC units in % dry weight, but data is provided in dry unit milligrams per kilogram (mg/kg).
(e)	The composite sample was collected as a grab sample from the sample box due to insufficient flow.
(f)	The grab sample was collected at the first opportunity given the short duration and low flow at this Outfall.
(g)	Unsafe conditions all day prevented access to the Outfall.
(h)	Various constituents were analyzed by laboratory due to field and laboratory error.
(i)	Reanalysis.
(j)	Sample collected in addition to NPDES permit required sampling frequency.
(k)	Composite sample collected from sample box due to cracked autosampler tubing resulting in low volume recovery.
(l)	Various field parameter(s) analyzed out of hold time due to field and/or laboratory error.
(m)	Analysis performed on composite sample instead of grab sample due to field error.

REPORTING SUMMARY NOTES
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(n)	Permit limit does not apply to receiving water.
(o)	Analyte was reported as a TIC.

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	02/01/2024 09:00 - 02/02/2024 10:15				02/19/2024 09:25 - 02/20/2024 10:05			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.2	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.33	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.39	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.33	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.29	1	U *	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.58	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.15	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.087	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.11	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.96	U *	ND	0.13	0.96	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	4.1	4.8	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ND	0.17	0.19	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ND	3.8	100	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ND	0.092	0.19	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	4.4	4.8	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	3.4	4.8	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ND	0.0044	0.0067	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.0019	0.0033	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ND	0.0016	0.0033	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ND	0.096	0.19	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	3.2	4.8	U *	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ND	4.6	5	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ND	1.4	2	U *	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0031	0.0033	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0012	0.0013	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ND	0.0013	0.0013	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		3.6	0.086	0.15	--	4.8	0.043	0.075	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.79	NA	NA	--	41	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.079	0.0086	0.015	*	0.15	0.0086	0.015	J+ (Q)
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		0.052	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		0.011	NA	NA	J (DNQ*)	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.081	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 001**				**Outfall 001**			
					DATE RANGE	**02/01/2024 09:00 - 02/02/2024 10:15**				**02/19/2024 09:25 - 02/20/2024 10:05**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Antimony	Composite	µg/L	6	1/Year	1/Year	1.1	0.36	2	J (DNQ)	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	0.00024	NA	NA	J (DNQ)	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	1.9	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	2.2	0.16	1	*	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	0.00048	NA	NA	*	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	0.99	0.16	1	J (DNQ*)	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ND	21	21.2	U *	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ND	21	21.2	U *	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	0.056	0.00017	0.001	--	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	0.012	NA	NA	--	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	0.017	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ND	0.0039	0.005	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ND	0.0041	0.0067	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	2	1	2	*	1.1	1	2	J (DNQ*)
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	0.4	NA	NA	*	9.3	NA	NA	J (DNQ*)
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.5	4.8	U *	ND	3.5	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	0.034	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	0.029	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ND	0.25	1	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ND	0.22	0.5	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.65	0.96	U *	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ND	0.026	0.033	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	5.9	0.36	1	*	8.4	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	1.3	NA	NA	*	71	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	0	NM	NM	*	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	0	NA	NA	*	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	02/01/2024 09:00 - 02/02/2024 10:15				02/19/2024 09:25 - 02/20/2024 10:05			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		6.1	0.14	2	*	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		6	3	50	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		0.054	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		0.000012	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		0.057	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		0.46	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*
Chrysene	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.21	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ND	0.3	0.5	U *	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		2.2	0.14	1	--	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		0.17	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		120	1	1	*	120	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		5.8	0.32	2	--	4.4	0.32	2	--
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.0013	NA	NA	--	0.037	NA	NA	--
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		2.9	0.32	2	*	1.4	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.79	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.002	0.0033	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0013	0.0033	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.17	1.9	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.094	1.9	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	1.8	1.9	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.51	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		8.35	NM	NM	*	9.52	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ND	0.0014	0.0033	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0023	0.0033	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ND	0.0038	0.1	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		0.02632	NA	NA	*	1.0168	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ND	0.097	0.19	U *	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ND	0.091	0.19	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		0.14	0.046	0.1	*	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		0.031	NA	NA	*	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ND	0.00066	0.0013	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		61	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		52	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.0012	0.0013	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ND	0.0039	0.0067	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ND	0	0	U *	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		5.5	0.0037	0.02	*	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		1.2	NA	NA	*	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		0.081	0.0037	0.02	*	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ND	0.095	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	02/01/2024 09:00 - 02/02/2024 10:15				02/19/2024 09:25 - 02/20/2024 10:05			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		4.2	0.12	1	--	2.7	0.12	1	--
Lead	Composite	lbs/day	5.1	-	1/Discharge		0.00092	NA	NA	--	0.023	NA	NA	--
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.23	0.12	1	J (DNQ*)	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ND	0.17	1	U *	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		100	0.41	1	--	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		0.02	NA	NA	--	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		3.4	0.41	1	*	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.016	0.0002	0.0005	J- (H)	0.01	0.0002	0.0005	--
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.0000035	NA	NA	J- (H)	0.00008	NA	NA	--
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.008	0.0002	0.0005	J- (H)	0.0043	0.0002	0.0005	J+ (F)
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ND	0.57	2	U *	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.33	1	U *	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		5.3	0.17	2	*	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		0.0012	NA	NA	*	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		1.5	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.6	0.02	0.1	*	0.37	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		0.1	NA	NA	*	3.1	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.6	0.02	0.1	*	0.37	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		0.1	NA	NA	*	3.1	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		2.4	0.14	0.19	*	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.5	0.98	U *	ND	0.5	0.98	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.81	0.96	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		7.79	NM	NM	*	7.18	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ND	0.5	0.96	U *	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ND	0.083	0.19	U *	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U *	0.56	0.52	2	J (DNQ)
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		0.1	0.1	0.1	*	0.1	0.1	0.1	*
Silver	Composite	µg/L	4.1	1/Year	1/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		17	0.18	1	*	21	0.18	1	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		3.7	NA	NA	*	180	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		48.4	NM	NM	*	51.5	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ND	0.11	1	U	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ND	NA	NA	U	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ND	0.23	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 001**				**Outfall 001**			
					DATE RANGE	**02/01/2024 09:00 - 02/02/2024 10:15**				**02/19/2024 09:25 - 02/20/2024 10:05**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	180	8.7	10	*	180	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	40	NA	NA	*	1500	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	13	1.1	2	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	61	2	2.5	*	87	2	2.5	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	13	NA	NA	*	740	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ND	0.054	0.067	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ND	0.24	0.5	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.17	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	210	0.05	0.05	*	140	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	12	0.17	2	*	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	1.2	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ND	0.47	0.5	U *	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	31	2.8	20	*	ND	2.8	20	U (B)
Zinc	Composite	lbs/day	156.25	-	1/Discharge	0.0068	NA	NA	*	ND	NA	NA	U (B)
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	5.5	2.8	20	J (DNQ*)	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	02/27/2024 07:00 - 02/28/2024 08:45				03/07/2024 06:40 - 03/07/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.96	U *	ND	0.13	0.96	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.0036	0.1	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0049	0.1	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.13	0.0086	0.015	J+ (Q)	0.81	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.78	NA	NA	J+ (Q)	3.1	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.032	0.0086	0.015	--	0.088	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 001				Outfall 001			
					DATE RANGE	02/27/2024 07:00 - 02/28/2024 08:45				03/07/2024 06:40 - 03/07/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	ND	1	2	U *	6.3	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	ND	NA	NA	U *	24	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.4	4.8	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	8.9	0.36	1	*	8.3	1.8	5	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	53	NA	NA	*	32	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 001				Outfall 001			
					DATE RANGE	02/27/2024 07:00 - 02/28/2024 08:45				03/07/2024 06:40 - 03/07/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	240	1	1	*	210	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	1.6	0.32	2	J (DNQ)	2	0.32	2	--
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.0096	NA	NA	J (DNQ)	0.008	NA	NA	--
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	1.4	0.32	2	J (DNQ)	1.2	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	15.73	NM	NM	*	14.54	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	0.7163	NA	NA	*	0.45824	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.0046	0.1	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
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OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						Outfall 001				Outfall 001			
LOCATION													
DATE RANGE						02/27/2024 07:00 - 02/28/2024 08:45				03/07/2024 06:40 - 03/07/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge	0.13	0.12	1	J (DNQ)	0.88	0.12	1	J (DNQ)
Lead	Composite	lbs/day	5.1	-	1/Discharge	0.00078	NA	NA	J (DNQ)	0.0034	NA	NA	J (DNQ)
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.12	1	U	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge	0.0044	0.0002	0.0005	J+ (F)	0.0059	0.0002	0.0005	--
Mercury	Composite	lbs/day	0.1	-	1/Discharge	0.000026	NA	NA	J+ (F)	0.000023	NA	NA	--
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.003	0.0002	0.0005	J+ (F)	0.0032	0.0002	0.0005	--
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge	0.091	0.02	0.1	J (DNQ*)	0.24	0.098	0.5	J (DNQ*)
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge	0.54	NA	NA	J (DNQ*)	0.92	NA	NA	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge	0.091	0.02	0.1	J (DNQ*)	0.24	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge	0.54	NA	NA	J (DNQ*)	0.92	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge	ND	0.043	0.1	U *	ND	0.22	0.5	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge	ND	0.5	0.99	U *	ND	0.5	0.99	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge	ND	0.81	0.96	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge	6.69	NM	NM	*	7.67	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge	ND	0.52	2	U	0.86	0.52	2	J (DNQ)
Selenium	Composite	lbs/day	8.1	-	1/Discharge	ND	NA	NA	U	0.0033	NA	NA	J (DNQ)
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge	ND	0.1	0.1	U *	0.1	0.1	0.1	*
Silver	Composite	µg/L	4.1	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge	27	0.18	1	*	18	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge	160	NA	NA	*	69	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge	48.2	NM	NM	*	50.8	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 001**				**Outfall 001**			
					DATE RANGE	**02/27/2024 07:00 - 02/28/2024 08:45**				**03/07/2024 06:40 - 03/07/2024 09:15**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	160	8.7	10	*	180	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	960	NA	NA	*	690	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	1.2	0.8	1	*	16	0.8	1	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	7.2	NA	NA	*	61	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	2.9	0.05	0.05	*	0.25	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U	6.9	2.8	20	J (DNQ)
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U	0.026	NA	NA	J (DNQ)
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	3.4	2.8	20	J (DNQ)	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	03/23/2024 08:05 - 03/24/2024 08:00				03/30/2024 07:10 - 03/31/2024 08:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.96	U *	ND	0.13	0.97	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.009	0.25	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.012	0.25	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.078	0.0086	0.015	J+ (Q)	3.5	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.097	NA	NA	J+ (Q)	21	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.013	0.0086	0.015	J (DNQ)	0.11	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	03/23/2024 08:05 - 03/24/2024 08:00				03/30/2024 07:10 - 03/31/2024 08:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		7.2	1	2	*	1.5	1	2	J (DNQ*)
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		9	NA	NA	*	9	NA	NA	J (DNQ*)
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.4	4.8	U *	ND	3.5	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		0.21	0.13	1	J (DNQ)	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		0.00026	NA	NA	J (DNQ)	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		1.1	0.13	1	--	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		25	0.36	1	*	17	0.72	2	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		31	NA	NA	*	100	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	03/23/2024 08:05 - 03/24/2024 08:00				03/30/2024 07:10 - 03/31/2024 08:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		560	1	1	*	240	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		1.3	0.32	2	J (DNQ)	3.2	0.32	2	--
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.0016	NA	NA	J (DNQ)	0.019	NA	NA	--
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.74	0.32	2	J (DNQ)	1.1	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		13.84	NM	NM	*	6.58	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		0.1494	NA	NA	*	0.71576	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.012	0.25	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 001				Outfall 001			
						DATE RANGE	03/23/2024 08:05 - 03/24/2024 08:00				03/30/2024 07:10 - 03/31/2024 08:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		0.29	0.12	1	J (DNQ)	2.8	0.12	1	--
Lead	Composite	lbs/day	5.1	-	1/Discharge		0.00036	NA	NA	J (DNQ)	0.017	NA	NA	--
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.12	1	U	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.0026	0.0002	0.0005	*	0.0083	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.0000032	NA	NA	*	0.00005	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0021	0.0002	0.0005	*	0.0022	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.048	0.02	0.1	J (DNQ*)	0.32	0.039	0.2	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		0.06	NA	NA	J (DNQ*)	1.9	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.048	0.02	0.1	J (DNQ*)	0.32	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		0.06	NA	NA	J (DNQ*)	1.9	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.086	0.2	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.51	1	U *	ND	0.52	1	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.81	0.96	U *	ND	0.82	0.97	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		7.88	NM	NM	*	8.14	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		0.65	0.52	2	J (DNQ)	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge		0.00081	NA	NA	J (DNQ)	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		0.1	0.1	0.1	*	0.4	0.1	0.1	*
Silver	Composite	µg/L	4.1	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		92	0.92	5	*	64	0.37	2	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		110	NA	NA	*	380	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		51.7	NM	NM	*	48.3	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 001**				**Outfall 001**			
					DATE RANGE	**03/23/2024 08:05 - 03/24/2024 08:00**				**03/30/2024 07:10 - 03/31/2024 08:40**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	370	8.7	10	*	320	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	460	NA	NA	*	1900	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	2.7	0.8	1	*	67	2.3	2.9	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	3.4	NA	NA	*	400	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	3.2	0.05	0.05	*	200	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	3.1	2.8	20	J (DNQ)	19	2.8	20	J (DNQ)
Zinc	Composite	lbs/day	156.25	-	1/Discharge	0.0039	NA	NA	J (DNQ)	0.11	NA	NA	J (DNQ)
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)				Outfall 002			
					DATE RANGE	01/03/2024 07:30 - 01/04/2024 08:00				01/20/2024 10:00 - 01/21/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.2	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	0.33	2	U *	ND	0.33	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.39	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge	ND	0.33	0.5	U *	ND	0.33	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	0.58	2	U *	ND	0.58	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge	ND	0.15	0.5	U *	ND	0.15	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year	ND	0.089	0.2	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.11	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge	ND	0.14	0.98	U *	ND	0.14	0.98	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.98	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	4.2	4.9	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge	ND	0.11	0.2	U *	ND	0.11	0.2	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year	ND	0.18	0.2	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year	ND	1.1	2	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year	ND	0.14	0.2	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year	ND	0.093	0.2	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	4.4	4.9	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	3.4	4.9	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge	ND	2.9	4.9	U *	ND	2.9	4.9	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year	ND	0.0027	0.05	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge	ND	0.0018	0.05	U *	ND	0.0018	0.05	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year	ND	0.0028	0.05	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ND	0.098	0.2	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.98	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ND	0.16	0.2	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	3.3	4.9	U *	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year	ND	0.096	0.2	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year	ND	4.6	5	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year	ND	1.4	2	U *	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year	ND	0.001	0.05	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge	ND	0.0024	0.05	U *	ND	0.0024	0.05	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ND	0.01	0.05	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge	0.11	0.0086	0.015	*	0.0092	0.0086	0.015	J (DNQ)
Aluminum	Composite	lbs/day	983	-	1/Discharge	1.14	NA	NA	*	0.013	NA	NA	J (DNQ)
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge	0.027	0.0086	0.015	*	ND	0.0086	0.015	U
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge	0.064	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge	0.66	NA	NA	J (DNQ*)	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.082	0.2	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)				Outfall 002			
					DATE RANGE	01/03/2024 07:30 - 01/04/2024 08:00				01/20/2024 10:00 - 01/21/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year	1.1	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	0.011	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.36	2	U *	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	0.69	0.16	1	J (DNQ*)	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	0.0072	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	0.56	0.16	1	J (DNQ*)	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	0.02	0.00017	0.001	*	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	0.2	NA	NA	*	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	0.017	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.9	U *	ND	2.7	4.9	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.2	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.2	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.2	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	ND	1	2	U *	ND	1	2	U *
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.2	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.2	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.9	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	0.054	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	0.052	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ND	0.25	1	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ND	0.22	0.5	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.66	0.98	U *	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ND	0.5	0.5	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	11	0.72	2	*	37	0.72	2	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	110	NA	NA	*	52	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	0	NM	NM	*	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	0	NA	NA	*	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)				Outfall 002			
					DATE RANGE	01/03/2024 07:30 - 01/04/2024 08:00				01/20/2024 10:00 - 01/21/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year	0.33	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	0.12	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	0.0012	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	0.11	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	0.18	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	SURVIVAL = PASS, % EFFECT=1.67%	NM	NM	*	SURVIVAL = PASS, % EFFECT = 0.00%	NM	NM	*
Chrysene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	1.5	0.21	0.5	*	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ND	0.14	1	U *	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.14	1	U *	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	840	1	1	*	950	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	0.98	0.32	2	J (DNQ*)	0.51	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.01	NA	NA	J (DNQ*)	0.00072	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.83	0.32	2	J (DNQ*)	0.48	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	0.79	2	U *	ND	0.79	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ND	0.01	0.05	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	0.065	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	0.67	NA	NA	J (DNQ*)	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.2	U *	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.18	2	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.095	2	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ND	1.8	2	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.52	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	15.71	NM	NM	*	13.2	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ND	0.0029	0.05	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	1.2448	NA	NA	*	0.16997	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.098	0.2	U *	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ND	0.092	0.2	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ND	0.092	0.2	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	110	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	110	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.0023	0.05	U *	ND	0.0023	0.05	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ND	0.0018	0.05	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.2	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.2	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.2	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.2	U *	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ND	0	0	U	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.13	0.2	U *	ND	0.13	0.2	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	0.12	0.0037	0.02	*	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	1.2	NA	NA	*	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	0.01	0.0037	0.02	J (DNQ*)	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ND	0.097	0.2	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)				Outfall 002			
						DATE RANGE	01/03/2024 07:30 - 01/04/2024 08:00				01/20/2024 10:00 - 01/21/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		ND	0.12	1	U *	ND	0.12	1	U
Lead	Composite	lbs/day	5.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.12	1	U *	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ND	0.17	1	U *	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		8.1	0.41	1	*	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		0.084	NA	NA	*	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		3.9	0.41	1	*	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.002	0.0002	0.0005	*	0.0014	0.0002	0.0005	J- (H)
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.00002	NA	NA	*	0.000002	NA	NA	J- (H)
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0015	0.0002	0.0005	*	0.00087	0.0002	0.0005	J- (H)
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ND	0.57	2	U *	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.2	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.33	1	U *	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		0.8	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		0.008	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		0.62	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.24	0.039	0.2	*	ND	0.039	0.2	U *
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		2.5	NA	NA	*	ND	NA	NA	U *
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.24	0.02	0.1	*	ND	0.02	0.1	U *
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		2.5	NA	NA	*	ND	NA	NA	U *
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.086	0.2	U *	ND	0.086	0.2	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.2	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.2	U *	ND	0.18	0.2	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.2	U *	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.2	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.5	0.99	U *	ND	0.5	0.97	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.83	0.98	U *	ND	0.83	0.98	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ND	0.91	2	U *	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		8.61	NM	NM	--	7.28	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		8.1	NM	NM	--	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ND	0.16	0.2	U *	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ND	0.51	0.98	U *	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ND	0.084	0.2	U *	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U *	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U *	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		0.1	0.1	0.1	*	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		160	0.37	2	*	220	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		1700	NA	NA	*	310	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		49.2	NM	NM	*	51.7	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		67.46	NM	NM	--	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ND	0.11	1	U *	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ND	0.23	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)**				**Outfall 002**			
					DATE RANGE	**01/03/2024 07:30 - 01/04/2024 08:00**				**01/20/2024 10:00 - 01/21/2024 09:15**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	400	8.7	10	*	680	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	4000	NA	NA	*	960	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	7.3	0.53	1	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	2	0.8	1	*	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	20	NA	NA	*	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ND	2.5	2.5	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ND	0.24	0.5	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.17	0.5	U *	ND	0.17	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	3.1	0.05	0.05	*	0.5	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	0.82	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	0.58	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ND	0.47	0.5	U *	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U *	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/01/2024 07:35 - 02/02/2024 08:00				02/19/2024 07:05 - 02/20/2024 08:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.33	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.33	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.58	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.15	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.97	U *	ND	0.13	0.96	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.9	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ND	0.014	0.25	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.009	0.25	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ND	0.014	0.25	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.005	0.25	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.012	0.25	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ND	0.0095	0.25	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		5.7	0.043	0.075	--	1.7	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		18	NA	NA	--	16	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.031	0.0086	0.015	*	0.025	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		0.033	0.029	0.075	J (DNQ*)	0.033	0.029	0.075	J (DNQ*)
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		0.1	NA	NA	J (DNQ*)	0.31	NA	NA	J (DNQ*)
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/01/2024 07:35 - 02/02/2024 08:00				02/19/2024 07:05 - 02/20/2024 08:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	5	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.6	4.9	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.0075	0.25	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ND	0.0095	0.25	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		1.9	1	2	J (DNQ*)	ND	1	2	U *
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		5.9	NA	NA	J (DNQ*)	ND	NA	NA	U *
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.5	4.9	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		ND	0.13	1	U *	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ND	0.22	0.25	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		20	0.36	1	*	10	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		60	NA	NA	*	90	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/01/2024 07:35 - 02/02/2024 08:00				02/19/2024 07:05 - 02/20/2024 08:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		0.67	0.21	0.5	*	1.5	0.098	0.5	*
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		530	1	1	*	560	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		5.2	0.32	2	*	3.7	0.32	2	--
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.016	NA	NA	*	0.035	NA	NA	--
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.87	0.32	2	J (DNQ*)	1.1	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.79	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.0095	0.25	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0085	0.25	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		6.31	NM	NM	*	27.35	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ND	0.015	0.25	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0085	0.25	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ND	0.0095	0.25	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		0.373	NA	NA	*	1.1313	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ND	0.0075	0.25	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.25	0.25	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ND	0.009	0.25	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/01/2024 07:35 - 02/02/2024 08:00				02/19/2024 07:05 - 02/20/2024 08:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		4.9	0.12	1	*	1.2	0.12	1	--
Lead	Composite	lbs/day	5.1	-	1/Discharge		0.015	NA	NA	*	0.011	NA	NA	--
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.24	0.12	1	J (DNQ*)	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.012	0.0002	0.0005	J- (H)	0.0069	0.0002	0.0005	--
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.000037	NA	NA	J- (H)	0.000065	NA	NA	--
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0036	0.0002	0.0005	J (H,F)	0.0038	0.0002	0.0005	J+ (F)
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.19	0.02	0.1	*	0.35	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		0.59	NA	NA	*	3.3	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.19	0.02	0.1	*	0.35	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		0.59	NA	NA	*	3.3	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.52	1	U *	ND	0.51	1	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.82	0.97	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ANR	ANR	ANR	ANR	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		7.19	NM	NM	*	7.08	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ND	0.083	0.19	U *
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		0.67	0.52	2	J (DNQ*)	0.52	0.52	2	J (DNQ)
Selenium	Composite	lbs/day	8.1	-	1/Discharge		0.0021	NA	NA	J (DNQ*)	0.0049	NA	NA	J (DNQ)
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U *	0.61	0.52	2	J (DNQ)
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		0.1	0.1	0.1	*	0.2	0.1	0.1	*
Silver	Composite	µg/L	4.1	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		110	1.8	10	*	130	0.37	2	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		340	NA	NA	*	1200	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		52	NM	NM	*	50.2	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 002**				**Outfall 002**			
					DATE RANGE	**02/01/2024 07:35 - 02/02/2024 08:00**				**02/19/2024 07:05 - 02/20/2024 08:00**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	420	8.7	10	*	320	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	1300	NA	NA	*	3000	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	120	5.3	6.7	*	41	0.8	1	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	370	NA	NA	*	390	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ND	1.2	10	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.17	0.5	U *	0.67	0.1	0.5	*
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	0.0063	NA	NA	*
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	400	0.05	0.05	*	60	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	29	2.8	20	*	9.7	2.8	20	J (DNQ)
Zinc	Composite	lbs/day	156.25	-	1/Discharge	0.09	NA	NA	*	0.092	NA	NA	J (DNQ)
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/27/2024 08:45 - 02/28/2024 10:20				03/07/2024 07:35 - 03/08/2024 07:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.95	U *	ND	0.13	0.97	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.8	U *	ND	2.9	4.9	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.0036	0.1	U *	ND	0.0018	0.05	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0049	0.1	U *	ND	0.0024	0.05	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.06	0.0086	0.015	--	0.16	0.0086	0.015	J+ (Q)
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.6	NA	NA	--	1.5	NA	NA	J+ (Q)
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.03	0.0086	0.015	--	0.036	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 002				Outfall 002			
					DATE RANGE	02/27/2024 08:45 - 02/28/2024 10:20				03/07/2024 07:35 - 03/08/2024 07:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.9	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	ND	1	2	U *	1.6	1	2	J (DNQ*)
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	ND	NA	NA	U *	15	NA	NA	J (DNQ*)
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.4	4.8	U *	ND	3.5	4.9	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	14	0.36	1	*	16	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	130	NA	NA	*	150	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 002				Outfall 002			
					DATE RANGE	02/27/2024 08:45 - 02/28/2024 10:20				03/07/2024 07:35 - 03/08/2024 07:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	2.1	0.098	0.5	*	2.1	0.098	0.5	*
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	570	1	1	*	630	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	2.2	0.32	2	--	1.6	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.021	NA	NA	--	0.015	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	1.2	0.32	2	J (DNQ)	1.2	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	ND	0.05	0.2	U *	0.08	0.05	0.2	J (DNQ*)
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	ND	NA	NA	U *	0.8	NA	NA	J (DNQ*)
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	20.36	NM	NM	*	16.51	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	1.1316	NA	NA	*	1.1308	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.0046	0.1	U *	ND	0.0023	0.05	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	02/27/2024 08:45 - 02/28/2024 10:20				03/07/2024 07:35 - 03/08/2024 07:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		ND	0.12	1	U	0.12	0.12	1	J (DNQ)
Lead	Composite	lbs/day	5.1	-	1/Discharge		ND	NA	NA	U	0.0011	NA	NA	J (DNQ)
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.12	1	U	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.0024	0.0002	0.0005	J+ (F)	0.0028	0.0002	0.0005	--
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.000023	NA	NA	J+ (F)	0.000026	NA	NA	--
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0023	0.0002	0.0005	J+ (F)	0.002	0.0002	0.0005	--
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.16	0.02	0.1	*	0.038	0.02	0.1	J (DNQ*)
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		1.5	NA	NA	*	0.36	NA	NA	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.16	0.02	0.1	*	0.038	0.02	0.1	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		1.5	NA	NA	*	0.36	NA	NA	J (DNQ*)
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		0.88	0.5	0.98	J (DNQ*)	ND	0.5	0.99	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		8.3	NA	NA	J (DNQ*)	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.81	0.95	U *	ND	0.82	0.97	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		6.88	NM	NM	*	7.09	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		ND	0.1	0.1	U *	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		160	1.8	10	*	140	1.8	10	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		1500	NA	NA	*	1300	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		50.9	NM	NM	*	51.8	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 002**				**Outfall 002**			
					DATE RANGE	**02/27/2024 08:45 - 02/28/2024 10:20**				**03/07/2024 07:35 - 03/08/2024 07:45**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	440	8.7	10	*	400	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	4200	NA	NA	*	4000	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	1.2	0.8	1	*	3	0.8	1	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	11	NA	NA	*	30	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	0.92	0.1	0.5	*	1	0.1	0.5	*
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	0.0087	NA	NA	*	0.0094	NA	NA	*
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	0.6	0.05	0.05	*	3	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	03/23/2024 07:05 - 03/24/2024 08:30				03/30/2024 07:30 - 03/31/2024 09:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.14	0.98	U *	ND	0.13	0.95	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.2	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.9	U *	ND	2.8	4.7	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.009	0.25	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.012	0.25	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.12	0.0086	0.015	--	1.3	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.3	NA	NA	--	27	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.056	0.0086	0.015	J- (Q)	0.031	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	03/23/2024 07:05 - 03/24/2024 08:30				03/30/2024 07:30 - 03/31/2024 09:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.7	4.9	U *	ND	2.6	4.7	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		4.8	1	2	*	2.3	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		12	NA	NA	*	48	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.5	4.9	U *	ND	3.4	4.7	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		ND	0.13	1	U	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		37	0.36	1	*	24	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		93	NA	NA	*	500	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	03/23/2024 07:05 - 03/24/2024 08:30				03/30/2024 07:30 - 03/31/2024 09:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.098	0.5	U *	1.6	0.098	0.5	*
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		1300	1	1	*	580	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		0.98	0.32	2	J (DNQ)	1.5	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.0025	NA	NA	J (DNQ)	0.031	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		3.7	0.32	2	--	0.83	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		ND	0.05	0.2	U *	0.055	0.05	0.2	J (DNQ*)
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		ND	NA	NA	U *	1.1	NA	NA	J (DNQ*)
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		13.58	NM	NM	*	5.6	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		0.30041	NA	NA	*	2.477	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.012	0.25	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.13	0.2	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 002				Outfall 002			
						DATE RANGE	03/23/2024 07:05 - 03/24/2024 08:30				03/30/2024 07:30 - 03/31/2024 09:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		ND	0.12	1	U	1.1	0.12	1	--
Lead	Composite	lbs/day	5.1	-	1/Discharge		ND	NA	NA	U	0.023	NA	NA	--
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		1.9	0.12	1	--	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.0012	0.0002	0.0005	*	0.004	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.000003	NA	NA	*	0.00008	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0012	0.0002	0.0005	*	0.0017	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		ND	0.02	0.1	U *	0.1	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		ND	NA	NA	U *	2	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		ND	0.02	0.1	U *	0.1	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		ND	NA	NA	U *	2	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.2	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.53	1	U *	0.78	0.5	0.98	J (DNQ*)
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	16	NA	NA	J (DNQ*)
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.83	0.98	U *	ND	0.8	0.95	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		7.58	NM	NM	*	8.13	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U	1.2	0.52	2	J (DNQ)
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U	0.025	NA	NA	J (DNQ)
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		0.1	0.1	0.1	*	1.3	0.1	0.1	*
Silver	Composite	µg/L	4.1	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		390	1.8	10	--	200	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		980	NA	NA	--	4000	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		51.2	NM	NM	*	49.1	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 002**				**Outfall 002**			
					DATE RANGE	**03/23/2024 07:05 - 03/24/2024 08:30**				**03/30/2024 07:30 - 03/31/2024 09:50**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	920	8.7	10	*	550	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	2300	NA	NA	*	11000	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	1.9	0.8	1	*	21	0.8	1	*
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	4.8	NA	NA	*	430	NA	NA	*
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	0.8	0.1	0.5	*
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	0.017	NA	NA	*
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	2.7	0.05	0.05	*	75	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	2.8	2.8	20	J (DNQ)	7.3	2.8	20	J (DNQ)
Zinc	Composite	lbs/day	156.25	-	1/Discharge	0.007	NA	NA	J (DNQ)	0.15	NA	NA	J (DNQ)
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	55	2.8	20	J- (Q)	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 011				Outfall 011			
					DATE RANGE	02/05/2024 07:45 - 02/06/2024 07:50				02/20/2024 06:50 - 02/21/2024 06:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.12	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.087	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.054	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge	ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.2	1	U *	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge	ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year	ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year	ND	0.087	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.081	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge	ND	0.13	0.96	U *	ND	0.13	0.97	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	4.1	4.8	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge	ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year	ND	0.17	0.19	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year	ND	0.54	2	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year	ND	0.091	0.19	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	4.3	4.8	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	3.3	4.8	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge	ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year	ND	0.0027	0.05	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge	ND	0.0018	0.05	U *	ND	0.0018	0.05	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year	ND	0.05	0.05	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year	ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ND	3.2	4.8	U *	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year	ND	0.094	0.19	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year	ND	0.73	5	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year	ND	0.36	2	U *	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year	ND	0.001	0.05	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge	ND	0.0024	0.05	U *	ND	0.0024	0.05	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ND	0.05	0.05	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge	1.7	0.0086	0.015	--	0.021	0.0086	0.015	*
Aluminum	Composite	lbs/day	983	-	1/Discharge	230	NA	NA	--	0.12	NA	NA	*
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge	0.28	0.0086	0.015	*	0.012	0.0086	0.015	J (DNQ*)
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge	0.037	0.029	0.075	J (DNQ*)	0.033	0.029	0.075	J (DNQ*)
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge	5	NA	NA	J (DNQ*)	0.19	NA	NA	J (DNQ*)
Anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.08	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 011				Outfall 011			
						DATE RANGE	02/05/2024 07:45 - 02/06/2024 07:50				02/20/2024 06:50 - 02/21/2024 06:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		1	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		0.1	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		1.2	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ND	0.5	1	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		1.9	0.16	1	*	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		0.26	NA	NA	*	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		1.2	0.16	1	*	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		0.021	0.00017	0.001	*	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		2.8	NA	NA	*	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		0.0084	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ND	0.057	0.5	U *	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		1.6	1	2	J (DNQ*)	ND	1	2	U *
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		220	NA	NA	J (DNQ*)	ND	NA	NA	U *
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ND	0.099	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.4	4.8	U *	ND	3.5	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		0.049	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		0.045	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ND	0.084	0.5	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ND	0.34	1	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ND	0.44	0.5	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.64	0.96	U *	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		ND	0.13	1	U *	0.13	0.13	1	J (DNQ*)
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		ND	NA	NA	U *	0.00076	NA	NA	J (DNQ*)
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.13	1	U *	ND	0.13	1	U *
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ND	0.23	0.5	U *	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ND	0.043	0.05	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		2.1	0.72	2	*	5.2	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		280	NA	NA	*	30	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		0	NM	NM	*	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		0	NA	NA	*	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ND	0.13	0.5	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.26	1	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ND	0.23	0.5	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ND	0.15	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 011				Outfall 011			
						DATE RANGE	02/05/2024 07:45 - 02/06/2024 07:50				02/20/2024 06:50 - 02/21/2024 06:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		3.1	0.14	2	*	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		3	3	50	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		0.054	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		0.0073	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.051	0.2	U *	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		0.48	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*
Chrysene	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		0.93	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.14	1	U *	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		61	1	1	*	230	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		4.5	0.32	2	*	1.8	0.32	2	J (DNQ*)
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.61	NA	NA	*	0.01	NA	NA	J (DNQ*)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		2.4	0.32	2	*	1.2	0.32	2	J (DNQ*)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.05	0.05	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.17	1.9	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.093	1.9	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	1.8	1.9	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.51	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		7.91	NM	NM	*	12.25	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ND	0.0029	0.05	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ND	0.045	0.5	U *	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		16.203	NA	NA	*	0.6984	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ND	0.096	0.19	U *	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ND	0.09	0.19	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		0.12	0.092	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		16	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		28	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		23	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.0023	0.05	U *	ND	0.01	0.05	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ND	0.0018	0.05	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ND	0.29	0.5	U *	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ND	0	0	U *	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		2.4	0.0037	0.02	*	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		320	NA	NA	*	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		0.22	0.0037	0.02	*	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ND	0.094	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						Outfall 011				Outfall 011			
LOCATION													
DATE RANGE						02/05/2024 07:45 - 02/06/2024 07:50				02/20/2024 06:50 - 02/21/2024 06:50			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge	2.3	0.12	1	*	0.12	0.12	1	J (DNQ*)
Lead	Composite	lbs/day	5.1	-	1/Discharge	0.31	NA	NA	*	0.0007	NA	NA	J (DNQ*)
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.25	0.12	1	J (DNQ*)	ND	0.12	1	U *
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]	ND	0.21	1	U *	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year	42	0.41	1	*	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year	5.7	NA	NA	*	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year	2.8	0.41	1	*	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge	0.028	0.0002	0.0005	--	0.0031	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge	0.0038	NA	NA	--	0.000018	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.014	0.0002	0.0005	*	0.0029	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year	ND	0.69	2	U *	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year	ND	0.19	1	U *	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year	3.2	0.17	2	*	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year	0.43	NA	NA	*	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year	1	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge	0.44	0.039	0.2	*	0.34	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge	59	NA	NA	*	2	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge	0.44	0.02	0.1	*	0.41	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge	59	NA	NA	*	2.4	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge	ND	0.086	0.2	U *	0.065	0.043	0.1	J (DNQ*)
Nitrite - N	Composite	lbs/day	983	-	1/Discharge	ND	NA	NA	U *	0.38	NA	NA	J (DNQ*)
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge	ND	0.5	0.98	U *	ND	0.49	0.97	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]	ND	0.088	0.5	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge	ND	0.81	0.96	U *	ND	0.82	0.97	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge	7.53	NM	NM	*	7.09	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year	ND	0.5	0.96	U *	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year	ND	0.082	0.19	U *	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge	0.68	0.52	2	J (DNQ*)	ND	0.52	2	U *
Selenium	Composite	lbs/day	8.1	-	1/Discharge	0.092	NA	NA	J (DNQ*)	ND	NA	NA	U *
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.52	2	U *	ND	0.52	2	U *
Settleable solids	Composite	mL/L	-	-	Additional[(h)]	ND	0.1	0.1	U *	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge	0.1	0.1	0.1	*	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge	1.9	0.37	2	J (DNQ*)	61	0.18	1	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge	260	NA	NA	J (DNQ*)	360	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge	51.5	NM	NM	*	50.7	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year	ND	0.099	0.5	U *	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year	ND	0.073	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 011**				**Outfall 011**			
					DATE RANGE	**02/05/2024 07:45 - 02/06/2024 07:50**				**02/20/2024 06:50 - 02/21/2024 06:50**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	90	8.7	10	*	190	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	10000	NA	NA	*	1100	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	12	1.1	2	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	24	2	2.5	*	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	3200	NA	NA	*	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ND	1	2	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ND	0.11	0.5	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ND	0.2	0.5	U *	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	75	0.05	0.05	*	0.2	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	5.5	0.17	2	*	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	1.4	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	16	2.8	20	J (DNQ*)	ND	2.8	20	U *
Zinc	Composite	lbs/day	156.25	-	1/Discharge	2.2	NA	NA	J (DNQ*)	ND	NA	NA	U *
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	4	2.8	20	J (DNQ*)	ND	2.8	20	U *

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 011				Outfall 011			
					DATE RANGE	03/10/2024 17:40 - 03/12/2024 08:20				03/30/2024 08:50 - 03/31/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge	ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge	ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge	ND	0.13	0.95	U *	ND	0.13	0.95	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge	ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge	ND	2.8	4.7	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge	ND	0.0036	0.1	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge	ND	0.0049	0.1	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge	0.15	0.0086	0.015	--	0.13	0.0086	0.015	*
Aluminum	Composite	lbs/day	983	-	1/Discharge	1.31	NA	NA	--	0.93	NA	NA	*
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge	0.046	0.0086	0.015	--	0.1	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge	ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 011				Outfall 011			
						DATE RANGE	03/10/2024 17:40 - 03/12/2024 08:20				03/30/2024 08:50 - 03/31/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.6	4.7	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		1.2	1	2	J (DNQ*)	4.3	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		10	NA	NA	J (DNQ*)	31	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.4	4.7	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		ND	0.13	1	U	ND	0.13	1	U *
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U *
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		9.8	0.36	1	*	10	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		86	NA	NA	*	70	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 011				Outfall 011			
						DATE RANGE	03/10/2024 17:40 - 03/12/2024 08:20				03/30/2024 08:50 - 03/31/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		320	1	1	*	250	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		2.1	0.32	2	--	2.3	0.32	2	*
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.018	NA	NA	--	0.016	NA	NA	*
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		2.7	0.32	2	--	2.1	0.32	2	--
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		0.079	0.05	0.2	J (DNQ*)	0.053	0.05	0.2	J (DNQ*)
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		0.69	NA	NA	J (DNQ*)	0.38	NA	NA	J (DNQ*)
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		14.75	NM	NM	*	5.77	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		1.0462	NA	NA	*	0.8582	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.0046	0.1	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 011				Outfall 011			
					DATE RANGE	03/10/2024 17:40 - 03/12/2024 08:20				03/30/2024 08:50 - 03/31/2024 09:15			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge	ND	0.12	1	U	ND	0.12	1	U *
Lead	Composite	lbs/day	5.1	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U *
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.12	1	U	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge	0.0041	0.0002	0.0005	*	0.0031	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge	0.000036	NA	NA	*	0.000022	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.0036	0.0002	0.0005	*	0.0025	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge	0.1	0.02	0.1	*	0.53	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge	0.9	NA	NA	*	3.8	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge	0.19	0.02	0.1	*	0.53	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge	1.7	NA	NA	*	3.8	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge	0.093	0.043	0.1	J (DNQ*)	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge	0.81	NA	NA	J (DNQ*)	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge	1.5	0.5	0.98	*	ND	0.51	1	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge	13	NA	NA	*	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge	ND	0.8	0.95	U *	ND	0.81	0.95	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year	ND	0.91	2	U *	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge	7.12	NM	NM	*	8.23	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge	ND	0.52	2	U	ND	0.52	2	U *
Selenium	Composite	lbs/day	8.1	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U *
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.52	2	U	0.76	0.52	2	J (DNQ)
Settleable solids	Composite	mL/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge	ND	0.1	0.1	U *	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge	62	0.18	1	*	71	0.18	1	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge	540	NA	NA	*	510	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge	59	NM	NM	*	48.5	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 011**				**Outfall 011**			
					DATE RANGE	**03/10/2024 17:40 - 03/12/2024 08:20**				**03/30/2024 08:50 - 03/31/2024 09:15**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	220	8.7	10	*	190	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	1900	NA	NA	*	1400	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	ND	0.8	1	U *	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	0.4	0.05	0.05	*	1.3	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U	ND	2.8	20	U *
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U *
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	01/03/2024 07:00 - 01/04/2024 07:30				02/03/2024 06:40 - 02/04/2024 07:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.2	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.33	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ND	0.39	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.33	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.29	1	U *	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.58	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.15	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.087	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.16	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.11	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.13	0.96	U *	ND	0.13	0.96	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	4.1	4.8	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ND	0.17	0.19	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ND	1.1	2	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ND	0.091	0.19	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	4.3	4.8	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	3.3	4.8	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ND	0.0027	0.05	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.0018	0.05	U *	ND	0.009	0.25	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ND	0.0028	0.05	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ND	3.2	4.8	U *	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ND	0.094	0.19	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ND	4.6	5	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ND	1.4	2	U *	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.001	0.05	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0024	0.05	U *	ND	0.012	0.25	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ND	0.01	0.05	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.11	0.0086	0.015	*	0.069	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.94	NA	NA	*	0.87	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.096	0.0086	0.015	*	0.037	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		0.24	0.029	0.075	*	0.067	0.029	0.075	J (DNQ*)
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		2.1	NA	NA	*	0.84	NA	NA	J (DNQ*)
Anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.08	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						Outfall 018				Outfall 018			
					LOCATION								
					DATE RANGE	01/03/2024 07:00 - 01/04/2024 07:30				02/03/2024 06:40 - 02/04/2024 07:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year	0.86	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	0.0074	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	1.2	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ND	0.5	1	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	0.42	0.16	1	J (DNQ*)	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	0.0036	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	0.41	0.16	1	J (DNQ*)	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	0.013	0.00017	0.001	*	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	0.11	NA	NA	*	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	0.012	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	1.4	1	2	J (DNQ*)	4.7	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	12	NA	NA	J (DNQ*)	59	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.099	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.4	4.8	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	0.048	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	0.045	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ND	0.25	1	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ND	0.22	0.5	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ND	0.64	0.96	U *	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ND	0.5	0.5	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	8.4	0.36	1	*	6.5	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	72	NA	NA	*	82	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	0	NM	NM	*	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	0	NA	NA	*	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	01/03/2024 07:00 - 01/04/2024 07:30				02/03/2024 06:40 - 02/04/2024 07:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year		0.25	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year		ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year		ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year		0.14	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year		0.0012	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year		0.12	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year		0.2	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year		SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*
Chrysene	Composite	µg/L	-	1/Year	1/Year		ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge		ND	0.21	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year		ND	0.3	0.5	U *	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year		ND	0.14	1	U *	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.14	1	U *	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge		510	1	1	*	390	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge		1.1	0.32	2	J (DNQ*)	1.2	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge		0.0094	NA	NA	J (DNQ*)	0.015	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge		1.1	0.32	2	J (DNQ*)	1.3	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge		ND	0.79	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year		ND	0.01	0.05	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge		0.077	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge		0.66	NA	NA	J (DNQ*)	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.17	1.9	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.093	1.9	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	1.8	1.9	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year		ND	0.51	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge		14.77	NM	NM	*	11.99	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year		ND	0.0029	0.05	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year		ND	0.0017	0.05	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year		ND	0.0019	0.05	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year		ND	0.25	0.5	U *	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge		1.0263	NA	NA	*	1.5117	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year		ND	0.096	0.19	U *	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year		ND	0.09	0.19	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year		ND	0.046	0.1	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year		ND	0.0015	0.05	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year		81	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year		80	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge		ND	0.0023	0.05	U *	ND	0.012	0.25	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year		ND	0.0018	0.05	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year		ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year		ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year		ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year		ND	0	0	U	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge		ND	0.12	0.19	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year		0.0071	0.0037	0.02	J (DNQ*)	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year		0.061	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year		0.0039	0.0037	0.02	J (DNQ*)	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year		ND	0.094	0.19	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	01/03/2024 07:00 - 01/04/2024 07:30				02/03/2024 06:40 - 02/04/2024 07:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		ND	0.12	1	U *	ND	0.12	1	U
Lead	Composite	lbs/day	5.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.12	1	U *	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ND	0.17	1	U *	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		9.3	0.41	1	*	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		0.08	NA	NA	*	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		2.2	0.41	1	*	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.0018	0.0002	0.0005	*	0.0022	0.0002	0.0005	J (H,F)
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.000015	NA	NA	*	0.000028	NA	NA	J (H,F)
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.0018	0.0002	0.0005	*	0.0018	0.0002	0.0005	J (H,F)
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ND	0.57	2	U *	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ND	0.33	1	U *	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		0.89	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		0.0076	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		0.79	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		0.29	0.02	0.1	*	0.41	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		2.5	NA	NA	*	5.2	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		0.29	0.02	0.1	*	0.41	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		2.5	NA	NA	*	5.2	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.52	1	U *	0.62	0.53	1	J (DNQ*)
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	7.8	NA	NA	J (DNQ*)
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.81	0.96	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ND	0.91	2	U *	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		8.12	NM	NM	*	6.91	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ND	0.5	0.96	U *	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ND	0.082	0.19	U *	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U *	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U *	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		ND	0.1	0.1	U *	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.23	1	U *	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		130	0.92	5	*	110	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		1100	NA	NA	*	1400	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		52.2	NM	NM	*	50.3	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ND	0.11	1	U *	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ND	NA	NA	U *	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ND	0.23	0.5	U *	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**				**Outfall 018**			
					DATE RANGE	**01/03/2024 07:00 - 01/04/2024 07:30**				**02/03/2024 06:40 - 02/04/2024 07:10**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	350	8.7	10	*	270	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	3000	NA	NA	*	3400	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	7.9	0.53	1	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	1.1	0.8	1	*	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	9.4	NA	NA	*	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ND	2.5	2.5	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ND	0.24	0.5	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.17	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	0.25	0.05	0.05	*	0.3	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	0.32	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	0.31	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ND	0.47	0.5	U *	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U *	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	02/19/2024 07:25 - 02/20/2024 07:30				02/27/2024 09:05 - 02/28/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.14	0.98	U *	ND	0.13	0.95	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.2	U *	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.9	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.01	0.05	U *	ND	0.1	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0024	0.05	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.026	0.0086	0.015	--	0.15	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		0.3	NA	NA	--	1.32	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.02	0.0086	0.015	--	0.071	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		0.063	0.029	0.075	J (DNQ*)	0.058	0.029	0.075	J (DNQ*)
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		0.73	NA	NA	J (DNQ*)	0.51	NA	NA	J (DNQ*)
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	02/19/2024 07:25 - 02/20/2024 07:30				02/27/2024 09:05 - 02/28/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge		ND	2.6	4.9	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge		ND	1	2	U *	2.6	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge		ND	NA	NA	U *	23	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge		ND	3.5	4.9	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge		ND	0.13	1	U	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge		10	0.36	1	*	9.5	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge		100	NA	NA	*	84	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 018				Outfall 018			
					DATE RANGE	02/19/2024 07:25 - 02/20/2024 07:30				02/27/2024 09:05 - 02/28/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	530	1	1	*	450	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	1.2	0.32	2	J (DNQ)	1.6	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.014	NA	NA	J (DNQ)	0.014	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	1.1	0.32	2	J (DNQ)	1.3	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	29.58	NM	NM	*	13.93	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	1.3825	NA	NA	*	1.0543	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.01	0.05	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.13	0.2	U *	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	02/19/2024 07:25 - 02/20/2024 07:30				02/27/2024 09:05 - 02/28/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge		ND	0.12	1	U	ND	0.12	1	U
Lead	Composite	lbs/day	5.1	-	1/Discharge		ND	NA	NA	U	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.28	0.12	1	J (DNQ)	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge		0.0024	0.0002	0.0005	J+ (F)	0.003	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge		0.000028	NA	NA	J+ (F)	0.00003	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge		0.002	0.0002	0.0005	J+ (F)	0.0026	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge		ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge		ND	0.02	0.1	U *	0.16	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge		ND	NA	NA	U *	1.4	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge		ND	0.02	0.1	U *	0.16	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge		ND	NA	NA	U *	1.4	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge		ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge		ND	0.18	0.2	U *	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge		ND	0.54	1	U *	0.59	0.51	0.99	J (DNQ*)
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge		ND	NA	NA	U *	5.2	NA	NA	J (DNQ*)
o-Xylene	Grab	µg/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge		ND	0.83	0.98	U *	ND	0.81	0.95	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year		ANR	ANR	ANR	ANR	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	5.9	-	1/Year		ANR	ANR	ANR	ANR	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge		6.96	NM	NM	*	6.98	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year		ND	0.084	0.2	U *	ND	0.082	0.19	U *
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge		ND	0.52	2	U	0.57	0.52	2	J (DNQ)
Selenium	Composite	lbs/day	8.1	-	1/Discharge		ND	NA	NA	U	0.005	NA	NA	J (DNQ)
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge		ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge		ND	0.1	0.1	U *	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge		140	0.92	5	*	110	1.8	10	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge		1600	NA	NA	*	970	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge		50.5	NM	NM	*	52.2	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**				**Outfall 018**			
					DATE RANGE	**02/19/2024 07:25 - 02/20/2024 07:30**				**02/27/2024 09:05 - 02/28/2024 10:55**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	350	8.7	10	*	310	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	4000	NA	NA	*	2700	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	1.1	0.8	1	*	0.9	0.8	1	J (DNQ*)
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	13	NA	NA	*	8	NA	NA	J (DNQ*)
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	0.15	0.05	0.05	*	0.25	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						LOCATION	Outfall 018				Outfall 018			
						DATE RANGE	03/06/2024 12:15 - 03/07/2024 12:20				03/25/2024 12:10 - 03/26/2024 13:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY		RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	1.5	2	U *	ND	1.5	2	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge		ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge		ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge		ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge		ND	0.55	1	U *	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge		ND	0.14	0.97	U *	ND	0.14	0.98	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge		ND	0.11	0.19	U *	ND	0.11	0.2	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge		ND	2.9	4.9	U *	ND	2.9	4.9	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge		ND	0.0018	0.05	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge		ND	0.0024	0.05	U *	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge		0.13	0.0086	0.015	--	0.046	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge		1.54	NA	NA	--	0.39	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge		0.075	0.0086	0.015	--	0.041	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge		ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	1/Year		ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

						Outfall 018				Outfall 018			
LOCATION													
DATE RANGE						03/06/2024 12:15 - 03/07/2024 12:20				03/25/2024 12:10 - 03/26/2024 13:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Antimony	Composite	µg/L	6	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.9	U *	ND	2.6	4.9	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	ND	1	2	U *	ND	1	2	U *
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.9	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	0.19	0.13	1	J (DNQ)	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	0.0022	NA	NA	J (DNQ)	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	13	0.72	2	*	24	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	150	NA	NA	*	200	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 018				Outfall 018			
					DATE RANGE	03/06/2024 12:15 - 03/07/2024 12:20				03/25/2024 12:10 - 03/26/2024 13:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Chromium	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	540	1	1	*	660	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	2.1	0.32	2	--	1.5	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.025	NA	NA	--	0.013	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	1.5	0.32	2	J (DNQ)	1.4	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	13.78	NM	NM	*	11.54	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	1.4188	NA	NA	*	1.0149	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.0023	0.05	U *	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.12	0.19	U *	ND	0.13	0.2	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 018				Outfall 018			
					DATE RANGE	03/06/2024 12:15 - 03/07/2024 12:20				03/25/2024 12:10 - 03/26/2024 13:45			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	RECEIVING WATER SAMPLE FREQUENCY	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Lead	Composite	µg/L	5.2	1/Year	1/Discharge	0.25	0.12	1	J (DNQ)	ND	0.12	1	U
Lead	Composite	lbs/day	5.1	-	1/Discharge	0.003	NA	NA	J (DNQ)	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.12	1	U	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge	0.0021	0.0002	0.0005	*	0.0017	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge	0.000025	NA	NA	*	0.000014	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.0022	0.0002	0.0005	*	0.0017	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge	ND	0.039	0.2	U *	0.024	0.02	0.1	J (DNQ*)
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge	ND	NA	NA	U *	0.2	NA	NA	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge	ND	0.02	0.1	U *	0.024	0.02	0.1	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge	ND	NA	NA	U *	0.2	NA	NA	J (DNQ*)
Nitrite - N	Composite	mg/L	1	-	1/Discharge	ND	0.086	0.2	U *	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.2	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge	0.88	0.5	0.98	J (DNQ*)	0.96	0.49	0.96	*
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge	10	NA	NA	J (DNQ*)	8.1	NA	NA	*
o-Xylene	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge	ND	0.82	0.97	U *	ND	0.83	0.98	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year	ND	0.91	2	U *	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year	ND	NA	NA	U *	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge	7.25	NM	NM	*	7.38	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge	0.56	0.52	2	J (DNQ)	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge	0.0066	NA	NA	J (DNQ)	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.52	2	U	ND	0.52	2	U
Settleable solids	Composite	mL/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge	ND	0.1	0.1	U *	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge	120	0.37	2	*	130	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge	1400	NA	NA	*	1100	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge	54.5	NM	NM	*	59.4	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**				**Outfall 018**			
					DATE RANGE	**03/06/2024 12:15 - 03/07/2024 12:20**				**03/25/2024 12:10 - 03/26/2024 13:45**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	410	8.7	10	*	420	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	4900	NA	NA	*	3600	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	ND	0.8	1	U *	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	29	0.05	0.05	*	0.3	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**			
					DATE RANGE	**03/29/2024 14:45 - 03/31/2024 10:20**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	2.9	4	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	6.0	1/Year	1/Discharge	ND	0.47	1	U *
1,1-Dichloroethene	Grab	lbs/day	5.9	-	1/Discharge	ND	NA	NA	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	-	1/Discharge	ND	1.2	4	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	0.5	1/Year	1/Discharge	ND	0.11	1	U *
1,2-Dichloroethane	Grab	lbs/day	0.49	-	1/Discharge	ND	NA	NA	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
1,4-Dioxane	Composite	µg/L	-	-	1/Discharge	ND	0.55	1	U *
2,4,6-Trichlorophenol	Composite	µg/L	13	1/Year	1/Discharge	ND	0.13	0.95	U *
2,4,6-Trichlorophenol	Composite	lbs/day	12.8	-	1/Discharge	ND	NA	NA	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	18	1/Year	1/Discharge	ND	0.11	0.19	U *
2,4-Dinitrotoluene	Composite	lbs/day	17.7	-	1/Discharge	ND	NA	NA	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Year	1/Discharge	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.076	-	1/Discharge	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Year	1/Discharge	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.00058	-	1/Discharge	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	0.03	1/Year	1/Discharge	ND	0.0049	0.1	U *
alpha-BHC	Composite	lbs/day	0.03	-	1/Discharge	ND	NA	NA	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	-	1/Discharge	0.033	0.0086	0.015	--
Aluminum	Composite	lbs/day	983	-	1/Discharge	0.23	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	-	Additional/Discharge	0.028	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	-	1/Discharge	0.03	0.029	0.075	J (DNQ*)
Ammonia - N	Composite	lbs/day	9,925	-	1/Discharge	0.2	NA	NA	J (DNQ*)
Anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**			
					DATE RANGE	**03/29/2024 14:45 - 03/31/2024 10:20**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Antimony	Composite	µg/L	6	1/Year	1/Year	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	5.9	-	1/Year	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Year	1/Year	ANR	ANR	ANR	ANR
Arsenic	Composite	lbs/day	9.83	-	1/Year	ANR	ANR	ANR	ANR
Arsenic, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Asbestos > 0.5 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	Additional[(h)]	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	1	-	1/Year	ANR	ANR	ANR	ANR
Barium	Composite	lbs/day	983	-	1/Year	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Year	1/Discharge	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.00053	-	1/Discharge	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	4.0	1/Year	1/Year	ANR	ANR	ANR	ANR
Beryllium	Composite	lbs/day	3.93	-	1/Year	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	mg/L	30	-	1/Discharge	4.7	1	2	*
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Composite	lbs/day	29,481	-	1/Discharge	32	NA	NA	*
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Year	1/Discharge	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	3.93	-	1/Discharge	ND	NA	NA	U *
Boron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Year	1/Discharge	ND	0.13	1	U
Cadmium	Composite	lbs/day	3.05	-	1/Discharge	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	-	1/Discharge	19	0.36	1	*
Chloride	Composite	lbs/day	147,405	-	1/Discharge	130	NA	NA	*
Chlorine, Total Residual (Field)	Grab	mg/L	0.1	-	1/Year	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	lbs/day	98.3	-	1/Year	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**			
					DATE RANGE	**03/29/2024 14:45 - 03/31/2024 10:20**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Chromium	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Chromium III (Trivalent), Dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	16	1/Year	1/Year	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	lbs/day	15.72	-	1/Year	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	-	1st & 2nd rain event/year	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	-	1/Discharge	ND	0.2	1	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	-	1/Discharge	710	1	1	*
Copper	Composite	µg/L	67.5	1/Year	1/Discharge	1.1	0.32	2	J (DNQ)
Copper	Composite	lbs/day	66.3	-	1/Discharge	0.0075	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.32	2	U
Cyanide	Composite	µg/L	8.5	1/Year	1/Discharge	ND	2.5	5	U *
Cyanide	Composite	lbs/day	8.4	-	1/Discharge	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	-	1/Discharge	ND	1.5	4	U *
delta-BHC	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	0.5	-	1/Discharge	0.061	0.05	0.2	J (DNQ*)
Detergents (as MBAS)	Composite	lbs/day	491.4	-	1/Discharge	0.42	NA	NA	J (DNQ*)
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	-	1/Discharge	7.34	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	117.83	-	1/Discharge	0.8182	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	-	1/Year	ANR	ANR	ANR	ANR
Fluoride	Composite	lbs/day	1572	-	1/Year	ANR	ANR	ANR	ANR
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Quarter	1/Year	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	0.00042	1/Year	1/Discharge	ND	0.0046	0.1	U *
Heptachlor	Composite	lbs/day	0.00041	-	1/Discharge	ND	NA	NA	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	-	Additional/Year	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	0.1	1/Year	1/Discharge	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Composite	lbs/day	0.1	-	1/Discharge	ND	NA	NA	U *
Iron	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR
Iron	Composite	lbs/day	-	-	1/Year	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR

TABLE C-1.A
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OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**			
					DATE RANGE	**03/29/2024 14:45 - 03/31/2024 10:20**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Lead	Composite	µg/L	5.2	1/Year	1/Discharge	ND	0.12	1	U
Lead	Composite	lbs/day	5.1	-	1/Discharge	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	50	-	1/Year	ANR	ANR	ANR	ANR
Manganese	Composite	lbs/day	49.1	-	1/Year	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.1	1/Year	1/Discharge	0.0016	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.1	-	1/Discharge	0.000011	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	-	Additional/Discharge	0.0014	0.0002	0.0005	*
Methyl hydrazine	Composite	µg/L	-	-	1/Discharge	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	94	1/Year	1/Year	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	92.4	-	1/Year	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8	-	1/Discharge	0.25	0.02	0.1	*
Nitrate - N	Composite	lbs/day	7,862	-	1/Discharge	1.7	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8	-	1/Discharge	0.25	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	7,862	-	1/Discharge	1.7	NA	NA	*
Nitrite - N	Composite	mg/L	1	-	1/Discharge	ND	0.043	0.1	U *
Nitrite - N	Composite	lbs/day	983	-	1/Discharge	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	16	1/Year	1/Discharge	ND	0.18	0.19	U *
N-Nitrosodimethylamine	Composite	lbs/day	15.72	-	1/Discharge	ND	NA	NA	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	-	1/Discharge	ND	0.53	1	U *
Oil & Grease	Grab	lbs/day	14,741	-	1/Discharge	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1	1/Year	1/Discharge	ND	0.8	0.95	U *
Pentachlorophenol	Composite	lbs/day	0.98	-	1/Discharge	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	-	1/Year	ANR	ANR	ANR	ANR
Perchlorate	Composite	lbs/day	5.9	-	1/Year	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	1/Discharge	7.27	NM	NM	*
pH (Lab)	Grab	s.u.	6.5-8.5	-	Additional[(h)]	ANR	ANR	ANR	ANR
Phenanthrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	8.2	1/Year	1/Discharge	ND	0.52	2	U
Selenium	Composite	lbs/day	8.1	-	1/Discharge	ND	NA	NA	U
Selenium, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	0.52	2	U (B)
Settleable solids	Composite	mL/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	-	1/Discharge	ND	0.1	0.1	U *
Silver	Composite	µg/L	4.1	1/Year	1/Year	ANR	ANR	ANR	ANR
Silver	Composite	lbs/day	4.03	-	1/Year	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	-	1/Discharge	140	0.92	5	*
Sulfate	Composite	lbs/day	294,810	-	1/Discharge	960	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Quarter	1/Discharge	64.4	NM	NM	*
Temperature (Lab)	Grab	Deg F	80	-	Additional[(h)]	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	1/Year	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.97	-	1/Year	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR

TABLE C-1.A
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 001, 002, 011, AND 018
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	**Outfall 018**			
					DATE RANGE	**03/29/2024 14:45 - 03/31/2024 10:20**			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**RECEIVING WATER SAMPLE FREQUENCY**	**SAMPLE FREQUENCY**	**RESULT**	**MDL**	**RL**	**LAB/ VALIDATION QUALIFIER**
Total Dissolved Solids	Composite	mg/L	950	-	1/Discharge	400	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	933,565	-	1/Discharge	3000	NA	NA	*
Total Organic Carbon	Composite	mg/L	-	-	1/Year	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Year	1/Discharge	ND	0.8	1	U *
Total Suspended Solids	Composite	lbs/day	-	-	1/Discharge	ND	NA	NA	U *
Toxaphene	Composite	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	5.0	1/Year	1/Discharge	ND	0.2	1	U *
Trichloroethene	Grab	lbs/day	4.9	-	1/Discharge	ND	NA	NA	U *
Trichlorofluoromethane	Grab	µg/L	-	-	Additional[(h)]	ANR	ANR	ANR	ANR
Turbidity	Composite	NTU	-	-	1/Discharge	0.6	0.05	0.05	*
Vanadium	Composite	µg/L	-	-	1/Year	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	-	Additional/Year	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	1/Year	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Year	1/Discharge	ND	2.8	20	U
Zinc	Composite	lbs/day	156.25	-	1/Discharge	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	-	Additional/Discharge	ND	2.8	20	U

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	02/01/2024 08:25 - 02/02/2024 09:30				02/19/2024 09:00 - 02/20/2024 09:20				02/27/2024 07:30 - 02/28/2024 09:30			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.25	0.5	U *	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.2	0.5	U *	ND	0.12	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	Additional[(h)]	ND	0.5	1	U *	ND	1.5	2	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ND	0.087	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.39	0.5	U *	ND	0.054	0.5	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.33	0.5	U *	ND	0.24	0.5	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.52	1	U *	ND	0.2	1	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.055	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	ND	0.087	0.19	U *	ND	0.087	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *	ND	0.081	0.5	U *	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	ND	4.1	4.8	U *	ND	4.1	4.8	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.52	1.2	U *	ND	0.33	0.7	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.46	1.2	U *	ND	0.35	0.8	U *	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.17	0.19	U *	ND	0.17	0.19	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ND	1.9	5	U *	ND	0.54	2	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	ND	0.092	0.19	U *	ND	0.092	0.19	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	ND	4.4	4.8	U *	ND	4.4	4.8	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.4	4.8	U *	ND	3.4	4.8	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Discharge	ND	2.9	4.8	U *	ND	2.9	4.8	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.0046	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	ND	0.0044	0.0067	U *	ND	0.0044	0.0067	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Discharge	ND	0.0019	0.0033	U *	ND	0.0019	0.0033	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.000035	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	ND	0.0016	0.0033	U *	ND	0.0016	0.0033	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.096	0.19	U *	ND	0.096	0.19	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.2	4.8	U *	ND	3.3	4.8	U *	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	ND	0.094	0.19	U *	ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ND	4.6	5	U *	ND	0.73	5	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ND	1.4	2	U *	ND	0.36	2	U *	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	ND	0.0031	0.0033	U *	ND	0.0031	0.0033	U *	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	-	1/Year	ND	0.0012	0.0013	U *	ND	0.0012	0.0013	U *	ANR	ANR	ANR	ANR
alpha-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0013	0.0013	U *	ND	0.0013	0.0013	U *	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	1/Discharge	1.2	0.0086	0.015	--	0.95	0.0086	0.015	*	0.1	0.0086	0.015	J+ (Q)
Aluminum	Composite	lbs/day	60	1/Discharge	0.45	NA	NA	--	1.6	NA	NA	*	0.09	NA	NA	J+ (Q)
Aluminum, dissolved	Composite	mg/L	-	Additional/Discharge	0.21	0.0086	0.015	*	0.037	0.0086	0.015	*	0.019	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	1/Discharge	0.057	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	607.3	1/Discharge	0.021	NA	NA	J (DNQ*)	ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	ND	0.081	0.19	U *	ND	0.081	0.19	U *	ANR	ANR	ANR	ANR
Antimony	Composite	µg/L	6.0	1/Year	2.7	0.36	2	*	ND	0.36	2	U *	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	0.36	1/Year	0.001	NA	NA	*	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	Additional/Year	4.3	0.36	2	*	1.3	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	02/01/2024 08:25 - 02/02/2024 09:30				02/19/2024 09:00 - 02/20/2024 09:20				02/27/2024 07:30 - 02/28/2024 09:30			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1221	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Year	ND	0.052	0.1	U *	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Year	ND	0.052	0.1	U *	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Discharge	1.6	0.16	1	*	0.96	0.16	1	J (DNQ*)	0.86	0.16	1	J (DNQ)
Arsenic	Composite	lbs/day	0.6	1/Discharge	0.0006	NA	NA	*	0.0016	NA	NA	J (DNQ*)	0.00075	NA	NA	J (DNQ)
Arsenic, dissolved	Composite	µg/L	-	Additional/Discharge	1.1	0.16	1	*	0.81	0.16	1	J (DNQ*)	0.77	0.16	1	J (DNQ)
Asbestos > 0.5 um	Composite	MFL	-	1/Year	ND	5.3	5.3	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	ND	5.3	5.3	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	-	1/Year	0.02	0.00017	0.001	*	0.024	0.00017	0.001	*	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	Additional/Year	0.013	0.00017	0.001	*	0.016	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *	ND	0.057	0.5	U *	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.000032	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	-	1/Year	ND	0.26	0.5	U *	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	Additional/Year	0.44	0.26	0.5	J (DNQ*)	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	ND	0.0039	0.005	U *	ND	0.0039	0.005	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0041	0.0067	U *	ND	0.0041	0.0067	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.4	1.9	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	-	1/Discharge	ND	3.4	4.8	U *	ND	3.5	4.8	U *	ND	3.4	4.8	U *
Boron	Composite	mg/L	1.0	1/Year	0.063	0.0035	0.5	J (DNQ*)	0.077	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron	Composite	lbs/day	60	1/Year	0.024	NA	NA	J (DNQ*)	0.13	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	Additional/Year	0.063	0.0035	0.5	J (DNQ*)	0.07	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *	ND	0.084	0.5	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ND	0.25	1	U *	ND	0.34	1	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	0.22	0.5	U *	ND	0.44	0.5	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	ND	0.65	0.96	U *	ND	0.65	0.96	U *	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	ND	0.13	1	U
Cadmium	Composite	lbs/day	0.19	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *	ND	0.23	0.5	U *	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	ND	0.026	0.033	U *	ND	0.026	0.033	U *	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	1/Discharge	3	0.36	1	*	3.5	0.36	1	*	4.7	0.36	1	*
Chloride	Composite	lbs/day	9,020	1/Discharge	1	NA	NA	*	5.9	NA	NA	*	4.1	NA	NA	*
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *	ND	0.13	0.5	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ND	0.29	1	U *	ND	0.26	1	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *	ND	0.23	0.5	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.3	0.5	U *	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Chlorpyrifos	Composite	µg/L	-	1/Year	ND	0.004	0.01	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Composite	µg/L	-	1/Year	2.1	0.14	2	*	1.5	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	ND	3	50	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Composite	µg/L	-	Additional/Year	ND	3	50	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	-	1/Year	ND	0.051	0.2	U *	ND	0.051	0.2	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	Additional/Year	ND	0.051	0.2	U *	0.059	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	Additional/Year	0.51	0.14	2	J (DNQ*)	0.38	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

					LOCATION	Outfall 008				Outfall 008				Outfall 008			
					DATE RANGE	02/01/2024 08:25 - 02/02/2024 09:30				02/19/2024 09:00 - 02/20/2024 09:20				02/27/2024 07:30 - 02/28/2024 09:30			
ANALYTE	**SAMPLE TYPE**	**UNITS**	**DAILY MAXIMUM LIMIT**	**SAMPLE FREQUENCY**		**RESULT**	**MDL**	**RL**	**LAB/VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/VALIDATION QUALIFIER**	**RESULT**	**MDL**	**RL**	**LAB/VALIDATION QUALIFIER**
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	1st & 2nd rain event/Year		SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year		ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year		ND	0.21	0.5	U *	ND	0.098	0.5	U *	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year		ND	0.3	0.5	U *	ND	0.065	0.5	U *	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	1/Year		0.72	0.14	1	J (DNQ*)	0.62	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	Additional/Year		0.29	0.14	1	J (DNQ*)	0.2	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Copper	Composite	µg/L	67.5	1/Discharge		3.1	0.32	2	*	2.7	0.32	2	*	2.4	0.32	2	--
Copper	Composite	lbs/day	4.1	1/Discharge		0.0012	NA	NA	*	0.0046	NA	NA	*	0.0021	NA	NA	--
Copper, dissolved	Composite	µg/L	-	Additional/Discharge		2.3	0.32	2	*	2.1	0.32	2	*	1.2	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	9.5	1/Discharge		ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	0.57	1/Discharge		ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	Additional[(h)]		ANR	ANR	ANR	ANR	ND	0.75	2	U *	ANR	ANR	ANR	ANR
delta-BHC	Composite	µg/L	-	1/Year		ND	0.002	0.0033	U *	ND	0.002	0.0033	U *	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	-	1/Discharge		0.079	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Diazinon	Composite	µg/L	-	1/Year		ND	0.0034	0.01	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year		ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year		ND	0.0013	0.0033	U *	ND	0.0013	0.0033	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year		ND	0.17	1.9	U *	ND	0.17	1.9	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year		ND	0.094	1.9	U *	ND	0.094	1.9	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year		ND	1.8	1.9	U *	ND	1.8	1.9	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year		ND	0.51	2.9	U *	ND	0.52	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge		6.87	NM	NM	*	26.2	NM	NM	*	17.81	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year		ND	0.0014	0.0033	U *	ND	0.0014	0.0033	U *	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year		ND	0.0023	0.0033	U *	ND	0.0023	0.0033	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year		ND	0.024	0.033	U *	ND	0.024	0.033	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year		ND	0.25	0.5	U *	ND	0.045	0.5	U *	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	7.21	1/Discharge		0.045	NA	NA	*	0.203	NA	NA	*	0.105	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year		ND	0.097	0.19	U *	ND	0.097	0.19	U *	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year		ND	0.091	0.19	U *	ND	0.091	0.19	U *	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	1/Year		0.16	0.046	0.1	*	0.12	0.046	0.1	*	0.15	0.046	0.1	*
Fluoride	Composite	lbs/day	96.2	1/Year		0.06	NA	NA	*	0.2	NA	NA	*	0.13	NA	NA	*
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year		ND	0.00066	0.0013	U *	ND	0.00066	0.0013	U *	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Year		44	0.5	7.1	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	Additional/Year		40	0.5	7.1	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	-	1/Year		ND	0.0012	0.0013	U *	ND	0.0012	0.0013	U *	ANR	ANR	ANR	ANR
Heptachlor epoxide	Composite	µg/L	-	1/Year		ND	0.0039	0.0067	U *	ND	0.0039	0.0067	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year		ND	0.13	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year		ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year		ANR	ANR	ANR	ANR	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year		ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year		ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	Additional/Year		ND	0	0	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	-	1/Year		ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Iron	Composite	mg/L	-	1/Year		1.4	0.0037	0.02	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	Additional/Year		0.19	0.0037	0.02	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year		ND	0.095	0.19	U *	ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
Lead	Composite	µg/L	5.2	1/Discharge		1.2	0.12	1	*	1.2	0.12	1	*	ND	0.12	1	U
Lead	Composite	lbs/day	0.31	1/Discharge		0.00045	NA	NA	*	0.002	NA	NA	*	ND	NA	NA	U
Lead, dissolved	Composite	µg/L	-	Additional/Discharge		0.25	0.12	1	J (DNQ*)	0.2	0.12	1	J (DNQ*)	ND	0.12	1	U
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]		ND	0.17	1	U *	ND	0.21	1	U *	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	-	1/Year		21	0.41	1	*	26	0.41	1	*	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	Additional/Year		1.8	0.41	1	*	1.3	0.41	1	*	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.024	1/Discharge		0.019	0.0002	0.0005	*	0.016	0.0002	0.0005	*	0.0053	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.0014	1/Discharge		0.0000071	NA	NA	*	0.000027	NA	NA	*	0.0000046	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	Additional/Discharge		0.012	0.0002	0.0005	*	0.0091	0.0002	0.0005	*	0.0048	0.0002	0.0005	*
Methylene chloride	Grab	µg/L	-	1/Year		ND	0.57	2	U *	ND	0.69	2	U *	ANR	ANR	ANR	ANR

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	02/01/2024 08:25 - 02/02/2024 09:30				02/19/2024 09:00 - 02/20/2024 09:20				02/27/2024 07:30 - 02/28/2024 09:30			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.33	1	U *	ND	0.19	1	U *	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	86	1/Year	1.7	0.17	2	J (DNQ*)	2.3	0.17	2	*	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	5.2	1/Year	0.00064	NA	NA	J (DNQ*)	0.0039	NA	NA	*	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	Additional/Year	1.6	0.17	2	J (DNQ*)	1.5	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8.0	1/Discharge	1.4	0.02	0.1	*	0.4	0.02	0.1	*	0.061	0.02	0.1	J (DNQ*)
Nitrate - N	Composite	lbs/day	481	1/Discharge	0.53	NA	NA	*	0.7	NA	NA	*	0.053	NA	NA	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8.0	1/Discharge	1.4	0.02	0.1	*	0.4	0.02	0.1	*	0.11	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	481	1/Discharge	0.53	NA	NA	*	0.7	NA	NA	*	0.096	NA	NA	*
Nitrite - N	Composite	mg/L	1.0	1/Discharge	ND	0.043	0.1	U *	ND	0.043	0.1	U *	0.052	0.043	0.1	J (DNQ*)
Nitrite - N	Composite	lbs/day	60	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	0.046	NA	NA	J (DNQ*)
Nitrobenzene	Composite	µg/L	-	1/Year	ND	0.45	1.2	U *	ND	0.42	0.9	U *	ANR	ANR	ANR	ANR
Nitrobenzene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	-	1/Year	ND	0.18	0.19	U *	ND	0.18	0.19	U *	ANR	ANR	ANR	ANR
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	1/Discharge	ND	0.5	0.98	U *	ND	0.51	1	U *	ND	0.5	0.99	U *
Oil & Grease	Grab	lbs/day	902	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	Additional[(h)]	ND	0.15	0.5	U *	ND	0.088	0.5	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	-	1/Discharge	ND	0.81	0.96	U *	ND	0.81	0.96	U *	ND	0.8	0.95	U *
Perchlorate	Composite	µg/L	6.0	1/Discharge	ND	0.91	2	U *	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	0.36	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Discharge	7.62	NM	NM	*	7.1	NM	NM	*	7.25	NM	NM	*
Phenanthrene	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	ND	0.5	0.96	U *	ND	0.51	0.96	U *	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	ND	0.083	0.19	U *	ND	0.083	0.19	U *	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	5.0	1/Year	0.97	0.52	2	J (DNQ*)	ND	0.52	2	U *	ANR	ANR	ANR	ANR
Selenium	Composite	lbs/day	0.3	1/Year	0.00036	NA	NA	J (DNQ*)	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Selenium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.52	2	U *	0.53	0.52	2	J (DNQ*)	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	1/Discharge	ND	0.1	0.1	U *	0.1	0.1	0.1	*	ND	0.1	0.1	U *
Silver	Composite	µg/L	-	1/Year	ND	0.23	1	U *	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	Additional/Year	ND	0.23	1	U *	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	1/Discharge	2.6	0.18	1	*	2.9	0.18	1	*	4.3	0.18	1	*
Sulfate	Composite	lbs/day	18,039	1/Discharge	0.98	NA	NA	*	4.9	NA	NA	*	3.8	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Discharge	49.7	NM	NM	*	51.7	NM	NM	*	48.1	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ND	0.099	0.5	U *	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	0.19	0.11	1	J (DNQ*)	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	0.12	1/Year	0.000071	NA	NA	J (DNQ*)	ND	NA	NA	U *	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.11	1	U *	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ND	0.073	0.5	U *	ANR	ANR	ANR	ANR
Total Dissolved Solids	Composite	mg/L	950	1/Discharge	140	8.7	10	*	140	8.7	10	*	150	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	57,124	1/Discharge	53	NA	NA	*	240	NA	NA	*	130	NA	NA	*
Total Residual Chlorine, Field	Grab	mg/L	-	1/Year	0	NM	NM	*	0.03	NM	NM	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Discharge	17	1.6	2	*	26	0.8	1	*	ND	0.8	1	U *
Toxaphene	Composite	µg/L	-	1/Year	ND	0.054	0.067	U *	ND	0.054	0.067	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.24	0.5	U *	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.18	0.5	U *	ND	0.11	0.5	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ND	0.1	0.5	U *	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ND	0.29	0.5	U *	ND	0.2	0.5	U *	ANR	ANR	ANR	ANR
Vanadium	Composite	µg/L	-	1/Year	4.2	0.17	2	*	3.7	0.17	2	*	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	Additional/Year	1.1	0.17	2	J (DNQ*)	1	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.47	0.5	U *	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ND	0.17	1	U *	ND	0.21	1	U *	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Discharge	7.2	2.8	20	J (DNQ*)	7.8	2.8	20	J (DNQ*)	ND	2.8	20	U
Zinc	Composite	lbs/day	9.6	1/Discharge	0.0027	NA	NA	J (DNQ*)	0.013	NA	NA	J (DNQ*)	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U *	ND	2.8	20	U

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	03/07/2024 07:05 - 03/07/2024 10:00				03/23/2024 07:45 - 03/24/2024 07:35[k]				03/30/2024 06:50 - 03/31/2024 08:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	0.077	1/Discharge	ND	2.9	4.8	U *	ND	2.9	4.9	U *	ND	2.9	4.8	U *
3,3'-Dichlorobenzidine	Composite	lbs/day	0.0046	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDD	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	0.00059	1/Discharge	ND	0.0018	0.05	U *	ND	0.0036	0.1	U *	ND	0.0036	0.1	U *
4,4'-DDE	Composite	lbs/day	0.000035	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
4,4'-DDT	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-Endosulfan	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	1/Discharge	0.22	0.0086	0.015	*	0.07	0.0086	0.015	--	0.66	0.0086	0.015	--
Aluminum	Composite	lbs/day	60	1/Discharge	0.36	NA	NA	*	0.04	NA	NA	--	1.5	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	Additional/Discharge	0.013	0.0086	0.015	J (DNQ*)	0.021	0.0086	0.015	--	0.13	0.0086	0.015	--
Ammonia - N	Composite	mg/L	10.1	1/Discharge	ND	0.029	0.075	U *	ND	0.029	0.075	U *	ND	0.029	0.075	U *
Ammonia - N	Composite	lbs/day	607.3	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	µg/L	6.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	0.36	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

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OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	03/07/2024 07:05 - 03/07/2024 10:00				03/23/2024 07:45 - 03/24/2024 07:35[k]				03/30/2024 06:50 - 03/31/2024 08:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1221	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	10	1/Discharge	0.9	0.16	1	J (DNQ*)	1.1	0.16	1	--	1.2	0.16	1	--
Arsenic	Composite	lbs/day	0.6	1/Discharge	0.0015	NA	NA	J (DNQ*)	0.00066	NA	NA	--	0.0028	NA	NA	--
Arsenic, dissolved	Composite	µg/L	-	Additional/Discharge	0.83	0.16	1	J (DNQ*)	0.94	0.16	1	J (DNQ)	1	0.16	1	--
Asbestos > 0.5 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	0.00054	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.9	U *	ND	2.6	4.8	U *
Benzidine	Composite	lbs/day	0.000032	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	-	1/Discharge	ND	3.5	4.8	U *	ND	3.5	4.9	U *	ND	3.4	4.8	U *
Boron	Composite	mg/L	1.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron	Composite	lbs/day	60	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	3.1	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U	0.14	0.13	1	J (DNQ)
Cadmium	Composite	lbs/day	0.19	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U	0.00032	NA	NA	J (DNQ)
Cadmium, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	1/Discharge	6.1	1.8	5	*	7.1	0.36	1	*	6.1	0.72	2	*
Chloride	Composite	lbs/day	9,020	1/Discharge	9.9	NA	NA	*	4.3	NA	NA	*	14	NA	NA	*
Chlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

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ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	1st & 2nd rain event/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper	Composite	µg/L	67.5	1/Discharge	2.3	0.32	2	*	1	0.32	2	J (DNQ)	1.4	0.32	2	J (DNQ)
Copper	Composite	lbs/day	4.1	1/Discharge	0.0037	NA	NA	*	0.0006	NA	NA	J (DNQ)	0.0032	NA	NA	J (DNQ)
Copper, dissolved	Composite	µg/L	-	Additional/Discharge	1.1	0.32	2	J (DNQ*)	0.87	0.32	2	J (DNQ)	0.6	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	9.5	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	0.57	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Cyclohexane	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
delta-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	-	1/Discharge	0.058	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *	0.079	0.05	0.2	J (DNQ*)
Diazinon	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	12.59	NM	NM	*	11.97	NM	NM	*	6.29	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	7.21	1/Discharge	0.195	NA	NA	*	0.072	NA	NA	*	0.277	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	1/Year	ND	0.23	0.5	U *	0.18	0.046	0.1	*	0.13	0.046	0.1	*
Fluoride	Composite	lbs/day	96.2	1/Year	ND	NA	NA	U *	0.11	NA	NA	*	0.3	NA	NA	*
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Lead	Composite	µg/L	5.2	1/Discharge	0.17	0.12	1	J (DNQ*)	ND	0.12	1	U	0.84	0.12	1	J (DNQ)
Lead	Composite	lbs/day	0.31	1/Discharge	0.00028	NA	NA	J (DNQ*)	ND	NA	NA	U	0.0019	NA	NA	J (DNQ)
Lead, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.12	1	U *	ND	0.12	1	U	0.17	0.12	1	J (DNQ)
m,p-Xylenes	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.024	1/Discharge	0.0052	0.0002	0.0005	*	0.004	0.0002	0.0005	*	0.0087	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.0014	1/Discharge	0.0000085	NA	NA	*	0.000002	NA	NA	*	0.00002	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	Additional/Discharge	0.0044	0.0002	0.0005	*	0.0024	0.0002	0.0005	*	0.0057	0.0002	0.0005	*
Methylene chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.B
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALL 008
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 008				Outfall 008				Outfall 008			
				DATE RANGE	03/07/2024 07:05 - 03/07/2024 10:00				03/23/2024 07:45 - 03/24/2024 07:35[k]				03/30/2024 06:50 - 03/31/2024 08:10			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	86	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	5.2	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	8.0	1/Discharge	0.2	0.098	0.5	J (DNQ*)	0.034	0.02	0.1	J (DNQ*)	0.8	0.039	0.2	*
Nitrate - N	Composite	lbs/day	481	1/Discharge	0.3	NA	NA	J (DNQ*)	0.02	NA	NA	J (DNQ*)	2	NA	NA	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	8.0	1/Discharge	0.2	0.02	0.1	*	0.034	0.02	0.1	J (DNQ*)	0.8	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	481	1/Discharge	0.3	NA	NA	*	0.02	NA	NA	J (DNQ*)	2	NA	NA	*
Nitrite - N	Composite	mg/L	1.0	1/Discharge	ND	0.22	0.5	U *	ND	0.043	0.1	U *	ND	0.086	0.2	U *
Nitrite - N	Composite	lbs/day	60	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Nitrobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	1/Discharge	ND	0.5	0.98	U *	ND	0.52	1	U *	ND	0.5	0.98	U *
Oil & Grease	Grab	lbs/day	902	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	-	1/Discharge	ND	0.81	0.96	U *	ND	0.83	0.98	U *	ND	0.81	0.96	U *
Perchlorate	Composite	µg/L	6.0	1/Discharge	1.2	0.91	2	J (DNQ*)	ND	0.91	2	U *	2.0	0.91	2	*
Perchlorate	Composite	lbs/day	0.36	1/Discharge	0.002	NA	NA	J (DNQ*)	ND	NA	NA	U *	0.0046	NA	NA	*
pH (Field)	Grab	s.u.	6.5-8.5	1/Discharge	7.64	NM	NM	*	8.34	NM	NM	*	8.2	NM	NM	*
Phenanthrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	5.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	lbs/day	0.3	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	1/Discharge	ND	0.1	0.1	U *	0.1	0.1	0.1	*	0.5	0.1	0.1	*
Silver	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Sulfate	Composite	mg/L	300	1/Discharge	4.7	0.92	5	J (DNQ*)	3.7	0.18	1	*	4.4	0.37	2	*
Sulfate	Composite	lbs/day	18,039	1/Discharge	7.6	NA	NA	J (DNQ*)	2.2	NA	NA	*	10	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Discharge	50.1	NM	NM	*	51.6	NM	NM	*	48.8	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	0.12	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	Composite	mg/L	950	1/Discharge	190	8.7	10	*	180	8.7	10	*	170	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	57,124	1/Discharge	310	NA	NA	*	110	NA	NA	*	390	NA	NA	*
Total Residual Chlorine, Field	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Discharge	2.1	0.8	1	*	ND	0.8	1	U *	13	0.8	1	*
Toxaphene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[h]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	159	1/Discharge	5.3	2.8	20	J (DNQ*)	ND	2.8	20	U	7.9	2.8	20	J (DNQ)
Zinc	Composite	lbs/day	9.6	1/Discharge	0.0086	NA	NA	J (DNQ*)	ND	NA	NA	U	0.018	NA	NA	J (DNQ)
Zinc, dissolved	Composite	µg/L	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U	3.5	2.8	20	J (DNQ)

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 004				Outfall 006				Outfall 009			
				DATE RANGE	02/05/2024 06:15 - 02/06/2024 08:35				02/05/2024 06:40 - 02/06/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ND	0.21	0.5	U *	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.12	0.5	U *	ND	0.12	0.5	U *	ND	0.2	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.25	0.5	U *
1,1,2-Trichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.087	0.5	U *	ND	0.087	0.5	U *	ND	0.17	0.5	U *
1,1-Dichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.054	0.5	U *	ND	0.054	0.5	U *	ND	0.39	0.5	U *
1,1-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.24	0.5	U *	ND	0.24	0.5	U *	ND	0.33	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
1,2,4-Trichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.26	0.5	U *
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
1,2-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ND	0.17	0.5	U *	ND	0.16	0.5	U *
1,2-Dichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.055	0.5	U *	ND	0.055	0.5	U *	ND	0.15	0.5	U *
1,2-Dichloropropane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.065	0.5	U *	ND	0.17	0.5	U *
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	ND	0.087	0.19	U *	ND	0.087	0.19	U *	ND	0.087	0.19	U *
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
1,3-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.5	U *	ND	0.16	0.5	U *
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ND	0.13	0.19	U *
1,4-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.081	0.5	U *	ND	0.081	0.5	U *	ND	0.11	0.5	U *
2,4,6-Trichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ND	0.13	0.96	U *
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ND	0.13	0.96	U *
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	ND	4.1	4.8	U *	ND	4.1	4.8	U *	ND	4.1	4.8	U *
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.51	1.2	U *
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.44	1.2	U *
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.17	0.19	U *	ND	0.17	0.19	U *	ND	0.17	0.19	U *
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ND	0.19	5	U *	ND	0.19	5	U *	ND	19	500	U *
2-Chloroethyl vinyl ether[(m)]	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ND	0.14	0.19	U *
2-Chlorophenol	Composite	µg/L	-	1/Year	ND	0.092	0.19	U *	ND	0.092	0.19	U *	ND	0.092	0.19	U *
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	ND	4.3	4.8	U *	ND	4.4	4.8	U *	ND	4.4	4.8	U *
2-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.3	4.8	U *	ND	3.4	4.8	U *	ND	3.4	4.8	U *
3,3'-Dichlorobenzidine	Composite	µg/L	-	1/Discharge	ND	2.9	4.8	U *	ND	2.9	4.8	U *	ND	2.9	4.8	U *
4,4'-DDD	Composite	µg/L	-	1/Year	ND	0.0054	0.1	U *	ND	0.0054	0.1	U *	ND	0.0044	0.0067	U *
4,4'-DDE	Composite	µg/L	-	1/Discharge	ND	0.0036	0.1	U *	ND	0.0036	0.1	U *	ND	0.0019	0.0033	U *
4,4'-DDT	Composite	µg/L	-	1/Year	ND	0.0056	0.1	U *	ND	0.0056	0.1	U *	ND	0.0016	0.0033	U *
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.096	0.19	U *	ND	0.096	0.19	U *	ND	0.096	0.19	U *
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	ND	0.13	0.96	U *	ND	0.13	0.96	U *	ND	0.13	0.96	U *
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ND	0.16	0.19	U *
4-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.2	4.8	U *	ND	3.2	4.8	U *	ND	3.3	4.8	U *
Acenaphthene	Composite	µg/L	-	1/Year	ND	0.094	0.19	U *	ND	0.094	0.19	U *	ND	0.095	0.19	U *
Acenaphthylene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Acrolein	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ND	0.73	5	U *	ND	0.73	5	U *	ND	4.6	5	U *
Acrylonitrile	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ND	0.36	2	U *	ND	0.36	2	U *	ND	1.4	2	U *

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 004				Outfall 006				Outfall 009			
				DATE RANGE	02/05/2024 06:15 - 02/06/2024 08:35				02/05/2024 06:40 - 02/06/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aldrin	Composite	µg/L	-	1/Year	ND	0.002	0.1	U *	ND	0.002	0.1	U *	ND	0.0031	0.0033	U *
alpha-BHC	Composite	µg/L	-	1/Year	ND	0.0049	0.1	U *	ND	0.0049	0.1	U *	ND	0.0012	0.0013	U *
alpha-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0038	0.1	U *	ND	0.0038	0.1	U *	ND	0.0013	0.0013	U *
Aluminum	Composite	mg/L	1.0	1/Discharge	0.59	0.0086	0.015	*	3.4	0.0086	0.015	--	9.2	0.043	0.075	--
Aluminum	Composite	lbs/day	537	1/Discharge	1.5	NA	NA	*	8.4	NA	NA	--	52	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	Additional/Discharge	0.14	0.0086	0.015	*	0.13	0.0086	0.015	*	1.2	0.0086	0.015	--
Ammonia - N	Composite	mg/L	-	1/Discharge	0.047	0.029	0.075	J (DNQ*)	0.045	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *
Anthracene	Composite	µg/L	-	1/Year	ND	0.081	0.19	U *	ND	0.081	0.19	U *	ND	0.081	0.19	U *
Antimony	Composite	µg/L	6.0	1/Year	0.4	0.36	2	J (DNQ*)	1.1	0.36	2	J (DNQ*)	4.4	0.36	2	*
Antimony	Composite	lbs/day	3.2	1/Year	0.001	NA	NA	J (DNQ*)	0.0027	NA	NA	J (DNQ*)	0.025	NA	NA	*
Antimony, dissolved	Composite	µg/L	-	Additional/Year	1.4	0.36	2	J (DNQ*)	0.69	0.36	2	J (DNQ*)	5.7	0.36	2	*
Aroclor 1016	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.044	0.1	U *
Aroclor 1221	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.044	0.1	U *
Aroclor 1232	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.044	0.1	U *
Aroclor 1242	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.044	0.1	U *
Aroclor 1248	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.044	0.1	U *
Aroclor 1254	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.052	0.1	U *
Aroclor 1260	Composite	µg/L	-	1/Year	ND	0.2	2	U *	ND	0.2	2	U *	ND	0.052	0.1	U *
Arsenic	Composite	µg/L	-	1/Discharge	0.94	0.16	1	J (DNQ*)	1.6	0.16	1	*	5	0.16	1	*
Arsenic, dissolved	Composite	µg/L	-	Additional/Discharge	0.79	0.16	1	J (DNQ*)	0.95	0.16	1	J (DNQ*)	1.7	0.16	1	*
Asbestos > 0.5 um	Composite	MFL	-	1/Year	ND	5.3	5.3	U *	ND	21	21.2	U *	ND	21	21.2	U *
Asbestos > 10 um	Composite	MFL	-	1/Year	ND	5.3	5.3	U *	ND	21	21.2	U *	ND	21	21.2	U *
Barium	Composite	mg/L	-	1/Year	0.015	0.00017	0.001	*	0.038	0.00017	0.001	*	0.12	0.00017	0.001	*
Barium, dissolved	Composite	mg/L	-	Additional/Year	0.0083	0.00017	0.001	*	0.013	0.00017	0.001	*	0.015	0.00017	0.001	*
Benzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ND	0.057	0.5	U *	ND	0.057	0.5	U *	ND	0.28	0.5	U *
Benzidine	Composite	µg/L	-	1/Discharge	ND	2.6	4.8	U *	ND	2.6	4.8	U *	ND	2.6	4.8	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Benzo(a)pyrene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ND	0.15	0.19	U *
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ND	0.1	0.19	U *
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
Beryllium	Composite	µg/L	-	1/Year	ND	0.26	0.5	U *	ND	0.26	0.5	U *	0.74	0.26	0.5	*
Beryllium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.26	0.5	U *	ND	0.26	0.5	U *	ND	0.26	0.5	U *
beta-BHC	Composite	µg/L	-	1/Year	ND	0.003	0.1	U *	ND	0.003	0.1	U *	ND	0.0039	0.005	U *
beta-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0038	0.1	U *	ND	0.0038	0.1	U *	ND	0.0041	0.0067	U *
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ND	0.1	0.19	U *
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.4	1.9	U *
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ND	0.1	0.19	U *
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.13	0.19	U *	ND	0.13	0.19	U *
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Discharge	ND	3.4	4.8	U *	ND	3.4	4.8	U *	ND	3.5	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	2.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	1.0	1/Year	0.028	0.0035	0.5	J (DNQ*)	0.036	0.0035	0.5	J (DNQ*)	0.033	0.0035	0.5	J (DNQ*)
Boron	Composite	lbs/day	537	1/Year	0.069	NA	NA	J (DNQ*)	0.089	NA	NA	J (DNQ*)	0.19	NA	NA	J (DNQ*)
Boron, dissolved	Composite	mg/L	-	Additional/Year	0.022	0.0035	0.5	J (DNQ*)	0.034	0.0035	0.5	J (DNQ*)	0.029	0.0035	0.5	J (DNQ*)
Bromodichloromethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.084	0.5	U *	ND	0.084	0.5	U *	ND	0.19	0.5	U *
Bromoform	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ND	0.34	1	U *	ND	0.34	1	U *	ND	0.25	1	U *
Bromomethane (Methyl Bromide)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	0.44	0.5	U *	ND	0.44	0.5	U *	ND	0.22	0.5	U *
Butyl benzylphthalate	Composite	µg/L	-	1/Year	ND	0.64	0.96	U *	ND	0.65	0.96	U *	ND	0.65	0.96	U *
Cadmium	Composite	µg/L	4.0	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	0.28	0.13	1	J (DNQ*)
Cadmium	Composite	lbs/day	2.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	0.0016	NA	NA	J (DNQ*)
Cadmium, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	ND	0.13	1	U *
Carbon tetrachloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ND	0.23	0.5	U *	ND	0.28	0.5	U *

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 004				Outfall 006				Outfall 009			
				DATE RANGE	02/05/2024 06:15 - 02/06/2024 08:35				02/05/2024 06:40 - 02/06/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Chlordane	Composite	µg/L	-	1/Year	ND	0.086	0.1	U *	ND	0.086	0.1	U *	ND	0.026	0.033	U *
Chloride	Composite	mg/L	150	1/Discharge	1.6	0.72	2	J (DNQ*)	2.1	0.72	2	*	3	0.72	2	*
Chloride	Composite	lbs/day	80,477	1/Discharge	3.9	NA	NA	J (DNQ*)	5.2	NA	NA	*	20	NA	NA	*
Chlorobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.13	0.5	U *	ND	0.13	0.5	U *	ND	0.19	0.5	U *
Chlorodibromomethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.065	0.5	U *	ND	0.15	0.5	U *
Chloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ND	0.26	1	U *	ND	0.26	1	U *	ND	0.29	1	U *
Chloroform	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ND	0.23	0.5	U *	ND	0.19	0.5	U *
Chloromethane (Methyl Chloride)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.5	U *	ND	0.3	0.5	U *
Chlorpyrifos	Composite	µg/L	-	1/Year	ND	0.004	0.01	U *	ND	0.081	0.2	U *	ND	0.081	0.2	U *
Chromium	Composite	µg/L	-	1/Year	0.98	0.14	2	J (DNQ*)	4.9	0.14	2	*	15	0.14	2	*
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	ND	3	50	U *	4.9	3	50	J (DNQ*)	15	3	50	J (DNQ*)
Chromium III (Trivalent), dissolved	Composite	µg/L	-	Additional/Year	ND	3	50	U *	ND	3	50	U *	ND	3	50	U *
Chromium VI (Hexavalent)	Composite	µg/L	-	1/Year	ND	0.051	0.2	U *	ND	0.051	0.2	U *	0.081	0.051	0.2	J (DNQ*)
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	Additional/Year	ND	0.051	0.2	U *	ND	0.051	0.2	U *	0.062	0.051	0.2	J (DNQ*)
Chromium, dissolved	Composite	µg/L	-	Additional/Year	0.34	0.14	2	J (DNQ*)	0.31	0.14	2	J (DNQ*)	1.2	0.14	2	J (DNQ*)
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	1st & 2nd rain event/Year	SURVIVAL = PASS, % EFFECT=1.67%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*
Chrysene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.098	0.5	U *	ND	0.098	0.5	U *	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.065	0.5	U *	ND	0.3	0.5	U *
Cobalt	Composite	µg/L	-	1/Year	0.31	0.14	1	J (DNQ*)	1.6	0.14	1	*	4.9	0.14	1	*
Cobalt, dissolved	Composite	µg/L	-	Additional/Year	ND	0.14	1	U *	0.14	0.14	1	J (DNQ*)	0.33	0.14	1	J (DNQ*)
Copper	Composite	µg/L	31	1/Discharge	3	0.32	2	*	4.9	0.32	2	*	12	0.32	2	*
Copper	Composite	lbs/day	16.6	1/Discharge	0.007	NA	NA	*	0.012	NA	NA	*	0.068	NA	NA	*
Copper, dissolved	Composite	µg/L	-	Additional/Discharge	2.3	0.32	2	*	1.9	0.32	2	J (DNQ*)	3	0.32	2	*
Cyanide	Composite	µg/L	9.5	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	5.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
delta-BHC	Composite	µg/L	-	1/Year	ND	0.0038	0.1	U *	ND	0.1	0.1	U *	ND	0.002	0.0033	U *
Detergents (as MBAS)	Composite	mg/L	-	1/Discharge	0.076	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Diazinon	Composite	µg/L	-	1/Year	ND	0.0034	0.01	U *	ND	0.068	0.2	U *	ND	0.068	0.2	U *
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ND	0.15	0.19	U *
Dieldrin	Composite	µg/L	-	1/Year	ND	0.0034	0.1	U *	ND	0.0034	0.1	U *	ND	0.0013	0.0033	U *
Diethyl phthalate	Composite	µg/L	-	1/Year	ND	0.17	1.9	U *	ND	0.17	1.9	U *	ND	0.17	1.9	U *
Dimethyl phthalate	Composite	µg/L	-	1/Year	ND	0.093	1.9	U *	ND	0.094	1.9	U *	ND	0.094	1.9	U *
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	ND	1.8	1.9	U *	ND	1.8	1.9	U *	ND	1.8	1.9	U *
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	ND	0.51	2.9	U *	ND	0.51	2.9	U *	ND	0.52	2.9	U *
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	14.26	NM	NM	*	8.41	NM	NM	*	8.83	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	ND	0.0059	0.1	U *	ND	0.0059	0.1	U *	ND	0.0014	0.0033	U *
Endrin	Composite	µg/L	-	1/Year	ND	0.0034	0.1	U *	ND	0.0034	0.1	U *	ND	0.0023	0.0033	U *
Endrin aldehyde	Composite	µg/L	-	1/Year	ND	0.0038	0.1	U *	ND	0.0038	0.1	U *	ND	0.024	0.033	U *
Ethylbenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ND	0.045	0.5	U *	ND	0.045	0.5	U *	ND	0.25	0.5	U *
Flow**	Meas	mgd	64.33	1/Discharge	0.2959	NA	NA	*	0.2973	NA	NA	*	0.6799	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	ND	0.096	0.19	U *	ND	0.097	0.19	U *	ND	0.097	0.19	U *
Fluorene	Composite	µg/L	-	1/Year	ND	0.091	0.19	U *	ND	0.091	0.19	U *	ND	0.091	0.19	U *
Fluoride	Composite	mg/L	1.6	1/Year	ND	0.092	0.2	U *	ND	0.092	0.2	U *	ND	0.092	0.2	U *
Fluoride	Composite	lbs/day	858	1/Year	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	ND	0.003	0.1	U *	ND	0.003	0.1	U *	ND	0.00066	0.0013	U *
Hardness (as CaCO3)	Composite	mg/L	-	1/Year	20	0.5	7.1	*	59	0.5	7.1	*	46	0.5	7.1	*

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 004				Outfall 006				Outfall 009			
				DATE RANGE	02/05/2024 06:15 - 02/06/2024 08:35				02/05/2024 06:40 - 02/06/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	Additional/Year	19	0.5	7.1	*	50	0.5	7.1	*	46	0.5	7.1	*
Heptachlor	Composite	µg/L	-	1/Year	ND	0.1	0.1	U *	ND	0.1	0.1	U *	ND	0.0012	0.0013	U *
Heptachlor epoxide	Composite	µg/L	-	1/Year	ND	0.0036	0.1	U *	ND	0.0036	0.1	U *	ND	0.0039	0.0067	U *
Hexachlorobenzene	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ND	0.13	0.19	U *
Hexachlorobutadiene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ND	0.15	0.19	U *
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ND	0.15	0.19	U *
Hexachloroethane	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Human Bacteroides	Grab	CEs/100mL	-	Additional/Year	ND	0	0	U *	467	NM	NM	*	ND	0	0	U *
Indeno(1,2,3-cd)pyrene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Iron	Composite	mg/L	-	1/Year	0.7	0.0037	0.02	*	3.7	0.0037	0.02	*	12	0.0037	0.02	*
Iron, dissolved	Composite	mg/L	-	Additional/Year	0.098	0.0037	0.02	*	0.13	0.0037	0.02	*	0.87	0.0037	0.02	*
Isophorone	Composite	µg/L	-	1/Year	ND	0.095	0.19	U *	ND	0.095	0.19	U *	ND	0.095	0.19	U *
Lead	Composite	µg/L	5.2	1/Discharge	0.95	0.12	1	J (DNQ*)	2.1	0.12	1	*	270	0.12	1	--
Lead	Composite	lbs/day	2.8	1/Discharge	0.0023	NA	NA	J (DNQ*)	0.0052	NA	NA	*	1.5	NA	NA	--
Lead, dissolved	Composite	µg/L	-	Additional/Discharge	0.17	0.12	1	J (DNQ*)	0.12	0.12	1	J (DNQ*)	16	0.12	1	--
m,p-Xylenes	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ND	0.21	1	U *	ND	0.21	1	U *	ND	0.17	1	U *
Manganese	Composite	µg/L	-	1/Year	19	0.41	1	*	63	0.41	1	*	280	0.41	1	*
Manganese, dissolved	Composite	µg/L	-	Additional/Year	2.9	0.41	1	*	1.7	0.41	1	*	12	0.41	1	*
Mercury	Composite	µg/L	0.024	1/Discharge	0.029	0.0002	0.0005	--	0.025	0.0002	0.0005	--	0.013	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.013	1/Discharge	0.000072	NA	NA	--	0.000062	NA	NA	--	0.000074	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	Additional/Discharge	0.023	0.0002	0.0005	*	0.011	0.0002	0.0005	*	0.0096	0.0002	0.0005	*
Methylene chloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Methylene chloride	Grab	µg/L	-	1/Year	ND	0.69	2	U *	ND	0.69	2	U *	ND	0.57	2	U *
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
Naphthalene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.19	1	U *	ND	0.19	1	U *	ND	0.33	1	U *
Nickel	Composite	µg/L	100	1/Year	1.2	0.17	2	J (DNQ*)	3.9	0.17	2	*	12	0.17	2	*
Nickel	Composite	lbs/day	53.7	1/Year	0.003	NA	NA	J (DNQ*)	0.0097	NA	NA	*	0.068	NA	NA	*
Nickel, dissolved	Composite	µg/L	-	Additional/Year	0.47	0.17	2	J (DNQ*)	0.61	0.17	2	J (DNQ*)	1.9	0.17	2	J (DNQ*)
Nitrate - N	Composite	mg/L	-	1/Discharge	0.62	0.039	0.2	*	1.3	0.039	0.2	*	0.22	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	10	1/Discharge	0.62	0.02	0.1	*	1.3	0.02	0.1	*	0.22	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	5365	1/Discharge	1.5	NA	NA	*	3.2	NA	NA	*	1.2	NA	NA	*
Nitrite - N	Composite	mg/L	-	1/Discharge	ND	0.086	0.2	U *	ND	0.086	0.2	U *	ND	0.043	0.1	U *
Nitrobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ND	0.44	1.2	U *
Nitrobenzene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ND	0.14	0.19	U *
N-Nitrosodimethylamine	Composite	µg/L	-	1/Year	ND	0.18	0.19	U *	ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ND	0.14	0.19	U *
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ND	0.1	0.19	U *
Oil & Grease	Grab	mg/L	15	1/Discharge	ND	0.5	0.98	U *	ND	0.51	0.99	U *	ND	0.51	1	U *
Oil & Grease	Grab	lbs/day	8,048	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
o-Xylene	Grab	µg/L	-	Additional[(h)]	ND	0.088	0.5	U *	ND	0.088	0.5	U *	ND	0.15	0.5	U *
Pentachlorophenol	Composite	µg/L	1.0	1/Discharge	ND	0.81	0.96	U *	ND	0.81	0.96	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.54	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	1/Discharge	ND	0.91	2	U *	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	3.22	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Discharge	7.93	NM	NM	*	7.66	NM	NM	*	6.7	NM	NM	*
Phenanthrene	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ND	0.16	0.19	U *
Phenol	Composite	µg/L	-	1/Year	ND	0.5	0.96	U *	ND	0.5	0.96	U *	ND	0.51	0.96	U *
Pyrene	Composite	µg/L	-	1/Year	ND	0.082	0.19	U *	ND	0.083	0.19	U *	ND	0.083	0.19	U *
Selenium	Composite	µg/L	-	1/Year	ND	0.52	2	U *	ND	0.52	2	U *	1.3	0.52	2	J (DNQ*)
Selenium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.52	2	U *	ND	0.52	2	U *	ND	0.52	2	U *
Settleable solids	Composite	mL/L	-	Additional[(h)]	ND	0.1	0.1	U *	ND	0.1	0.1	U *	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	1/Discharge	ND	0.1	0.1	U *	ND	0.1	0.1	U *	0.2	0.1	0.1	*
Silver	Composite	µg/L	-	1/Year	ND	0.23	1	U *	ND	0.23	1	U *	0.36	0.23	1	J (DNQ*)
Silver, dissolved	Composite	µg/L	-	Additional/Year	ND	0.23	1	U *	ND	0.23	1	U *	ND	0.23	1	U *

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 004				Outfall 006				Outfall 009			
				DATE RANGE	02/05/2024 06:15 - 02/06/2024 08:35				02/05/2024 06:40 - 02/06/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Sulfate	Composite	mg/L	250	1/Discharge	2	0.37	2	*	1.7	0.37	2	J (DNQ*)	4.8	0.37	2	*
Sulfate	Composite	lbs/day	134,128	1/Discharge	5	NA	NA	*	4.2	NA	NA	J (DNQ*)	27	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Discharge	51.9	NM	NM	*	51.6	NM	NM	*	49.3	NM	NM	*
Tetrachloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.099	0.5	U *	ND	0.099	0.5	U *	ND	0.21	0.5	U *
Thallium	Composite	µg/L	2.0	1/Year	ND	0.11	1	U *	ND	0.11	1	U *	0.19	0.11	1	J (DNQ*)
Thallium	Composite	lbs/day	1.1	1/Year	ND	NA	NA	U *	ND	NA	NA	U *	0.0011	NA	NA	J (DNQ*)
Thallium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.11	1	U *	ND	0.11	1	U *	ND	0.11	1	U *
Toluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ND	0.073	0.5	U *	ND	0.073	0.5	U *	ND	0.23	0.5	U *
Total Dissolved Solids	Composite	mg/L	850	1/Discharge	70	8.7	10	*	160	8.7	10	*	170	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	456,034	1/Discharge	200	NA	NA	*	400	NA	NA	*	960	NA	NA	*
Total Residual Chlorine, Field	Grab	mg/L	-	1/Year	0	NM	NM	*	0	NM	NM	*	0.03	NM	NM	*
Total Suspended Solids	Composite	mg/L	-	1/Discharge	12	0.8	1	*	50	1.6	2	*	84	2.7	3.3	*
Toxaphene	Composite	µg/L	-	1/Year	ND	0.5	4	U *	ND	0.5	4	U *	ND	0.054	0.067	U *
trans-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ND	0.14	0.5	U *	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *	ND	0.11	0.5	U *	ND	0.18	0.5	U *
Trichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Year	ND	0.1	0.5	U *	ND	0.1	0.5	U *	ND	0.17	0.5	U *
Trichlorofluoromethane	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ND	0.2	0.5	U *	ND	0.2	0.5	U *	ND	0.29	0.5	U *
Vanadium	Composite	µg/L	-	1/Year	2.2	0.17	2	*	9.9	0.17	2	*	26	0.17	2	*
Vanadium, dissolved	Composite	µg/L	-	Additional/Year	0.97	0.17	2	J (DNQ*)	1.6	0.17	2	J (DNQ*)	2.6	0.17	2	*
Vinyl chloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.5	U *	ND	0.47	0.5	U *
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ND	0.21	1	U *	ND	0.21	1	U *	ND	0.17	1	U *
Zinc	Composite	µg/L	120	1/Discharge	25	2.8	20	*	15	2.8	20	J (DNQ*)	47	2.8	20	*
Zinc	Composite	lbs/day	64.4	1/Discharge	0.062	NA	NA	*	0.037	NA	NA	J (DNQ*)	0.27	NA	NA	*
Zinc, dissolved	Composite	µg/L	-	Additional/Discharge	17	2.8	20	J (DNQ*)	ND	2.8	20	U *	6.6	2.8	20	J (DNQ*)

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				02/19/2024 07:45 - 02/20/2024 08:35				02/27/2024 07:55 - 02/28/2024 11:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Composite	µg/L	-	1/Year	ND	0.25	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.2	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Composite	µg/L	-	1/Year	ND	0.2	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Composite	µg/L	-	Additional[(h)]	ND	0.33	2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	Additional[(h)]	ND	0.25	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Composite	µg/L	-	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Composite	µg/L	-	1/Year	ND	0.39	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Composite	µg/L	-	1/Year	ND	0.33	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Composite	µg/L	-	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Composite	µg/L	-	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	ND	0.088	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ND	0.11	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.97	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	ND	0.13	0.97	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	ND	4.2	4.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.52	1.2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.46	1.2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ND	0.17	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether[(m)]	Composite	µg/L	-	1/Year	ND	1.1	2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	ND	0.093	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	ND	4.4	4.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.4	4.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	-	1/Discharge	ND	2.9	4.9	U *	ND	2.9	4.9	U *	ND	2.9	4.9	U *
4,4'-DDD	Composite	µg/L	-	1/Year	ND	0.0044	0.0067	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	-	1/Discharge	ND	0.0019	0.0033	U *	ND	0.0036	0.1	U *	ND	0.0036	0.1	U *
4,4'-DDT	Composite	µg/L	-	1/Year	ND	0.0016	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.097	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	ND	0.13	0.97	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	ND	3.3	4.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	ND	0.096	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Composite	µg/L	-	1/Year	ND	4.6	5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Composite	µg/L	-	1/Year	ND	1.4	2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				02/19/2024 07:45 - 02/20/2024 08:35				02/27/2024 07:55 - 02/28/2024 11:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aldrin	Composite	µg/L	-	1/Year	ND	0.0031	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	-	1/Year	ND	0.0012	0.0013	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0013	0.0013	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	1/Discharge	9	0.086	0.15	--	6.6	0.043	0.075	--	0.14	0.0086	0.015	J+ (Q)
Aluminum	Composite	lbs/day	537	1/Discharge	170	NA	NA	--	39	NA	NA	--	0.21	NA	NA	J+ (Q)
Aluminum, dissolved	Composite	mg/L	-	Additional/Discharge	0.49	0.0086	0.015	*	0.52	0.0086	0.015	--	0.042	0.0086	0.015	--
Ammonia - N	Composite	mg/L	-	1/Discharge	0.046	0.029	0.075	J (DNQ*)	0.035	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *
Anthracene	Composite	µg/L	-	1/Year	ND	0.082	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	µg/L	6.0	1/Year	2.7	0.36	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	3.2	1/Year	0.05	NA	NA	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	Additional/Year	3.5	0.36	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Year	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Year	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Year	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	-	1/Discharge	4.5	0.16	1	*	3.7	0.16	1.0	*	0.95	0.16	1	J (DNQ)
Arsenic, dissolved	Composite	µg/L	-	Additional/Discharge	1.1	0.16	1	*	1.0	0.16	1.0	*	0.87	0.16	1	J (DNQ)
Asbestos > 0.5 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	-	1/Year	0.11	0.00017	0.001	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	Additional/Year	0.014	0.00017	0.001	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Composite	µg/L	-	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	-	1/Discharge	ND	2.6	4.9	U *	ND	2.7	4.9	U *	ND	2.6	4.9	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	-	1/Year	0.71	0.26	0.5	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	ND	0.0039	0.005	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	ND	0.0041	0.0067	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ND	0.4	1.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.9	U *	ND	3.5	4.9	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	2.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	1.0	1/Year	0.026	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron	Composite	lbs/day	537	1/Year	0.48	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	Additional/Year	0.021	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Composite	µg/L	-	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Composite	µg/L	-	1/Year	ND	0.25	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Composite	µg/L	-	1/Year	ND	0.22	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	1.9	2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	ND	0.65	0.97	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	4.0	1/Discharge	0.26	0.13	1	J (DNQ*)	0.19	0.13	1	J (DNQ)	ND	0.13	1	U
Cadmium	Composite	lbs/day	2.1	1/Discharge	0.0048	NA	NA	J (DNQ*)	0.0011	NA	NA	J (DNQ)	ND	NA	NA	U
Cadmium, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Composite	µg/L	-	1/Year	ND	0.28	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.27	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				02/19/2024 07:45 - 02/20/2024 08:35				02/27/2024 07:55 - 02/28/2024 11:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Chlordane	Composite	µg/L	-	1/Year	ND	0.026	0.033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	1/Discharge	2.3	0.36	1	*	2.6	0.36	1	*	9.4	0.36	1	*
Chloride	Composite	lbs/day	80,477	1/Discharge	43	NA	NA	*	15	NA	NA	*	14	NA	NA	*
Chlorobenzene	Composite	µg/L	-	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.12	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Composite	µg/L	-	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Composite	µg/L	-	1/Year	ND	0.29	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ND	0.38	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Composite	µg/L	-	1/Year	ND	0.19	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Composite	µg/L	-	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.65	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Composite	µg/L	-	1/Year	13	0.14	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	13	3	50	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Composite	µg/L	-	Additional/Year	ND	3	50	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	-	1/Year	ND	0.051	0.2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	Additional/Year	0.66	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	1st & 2nd rain event/Year	SURVIVAL = PASS, % EFFECT=0.00%	NM	NM	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ND	0.3	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	1/Year	4.9	0.14	1	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	Additional/Year	0.21	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper	Composite	µg/L	31	1/Discharge	9.5	0.32	2	*	8.2	0.32	2	--	2.3	0.32	2	--
Copper	Composite	lbs/day	16.6	1/Discharge	0.18	NA	NA	*	0.048	NA	NA	--	0.0034	NA	NA	--
Copper, dissolved	Composite	µg/L	-	Additional/Discharge	2	0.32	2	*	1.8	0.32	2	J (DNQ)	2	0.32	2	--
Cyanide	Composite	µg/L	9.5	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	5.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
delta-BHC	Composite	µg/L	-	1/Year	ND	0.002	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	-	1/Discharge	ND	0.05	0.2	U *	ND	0.05	0.2	U *	ND	0.05	0.2	U *
Diazinon	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	ND	0.0013	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	ND	0.18	1.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	ND	0.095	1.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	ND	1.8	1.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	ND	0.52	2.9	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	7.11	NM	NM	*	25.41	NM	NM	*	14.13	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	ND	0.0014	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	ND	0.0023	0.0033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	ND	0.024	0.033	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Composite	µg/L	-	1/Year	ND	0.25	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	64.33	1/Discharge	2.224	NA	NA	*	0.7001	NA	NA	*	0.179	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	ND	0.098	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	ND	0.092	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	1/Year	0.1	0.046	0.1	*	0.092 (0.089)	0.046	0.1	J (DNQ*)	0.15	0.046	0.1	*
Fluoride	Composite	lbs/day	858	1/Year	2	NA	NA	*	0.54	NA	NA	J (DNQ)	0.22	NA	NA	*
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	ND	0.00066	0.0013	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				02/19/2024 07:45 - 02/20/2024 08:35				02/27/2024 07:55 - 02/28/2024 11:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	-	1/Year	ND	0.0012	0.0013	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	Composite	µg/L	-	1/Year	ND	0.0039	0.0067	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	-	1/Year	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	ND	0.096	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Lead	Composite	µg/L	5.2	1/Discharge	160	0.12	1	--	160	0.12	1	--	0.65	0.12	1	J (DNQ)
Lead	Composite	lbs/day	2.8	1/Discharge	3	NA	NA	--	0.93	NA	NA	--	0.00097	NA	NA	J (DNQ)
Lead, dissolved	Composite	µg/L	-	Additional/Discharge	10	0.12	1	--	8.5	0.12	1	--	0.23	0.12	1	J (DNQ)
m,p-Xylenes	Composite	µg/L	-	Additional[(h)]	ND	0.17	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ND	0.39	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	-	1/Year	270	0.41	1	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	Additional/Year	7.5	0.41	1	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.024	1/Discharge	0.031	0.001	0.0025	--	0.024	0.0002	0.0005	*	0.0056	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.013	1/Discharge	0.00057	NA	NA	--	0.00014	NA	NA	*	0.0000084	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	Additional/Discharge	0.011	0.0002	0.0005	*	0.01	0.0002	0.0005	*	0.005	0.0002	0.0005	*
Methylene chloride	Composite	µg/L	-	1/Year	ND	0.57	2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Methylene chloride	Grab	µg/L	-	1/Year	ND	0.4	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Composite	µg/L	-	1/Year	ND	0.33	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.55	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	100	1/Year	11	0.17	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	53.7	1/Year	0.2	NA	NA	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	Additional/Year	1.5	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	-	1/Discharge	0.78	0.02	0.1	*	0.39 (0.40)	0.02	0.1	*	0.21	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	10	1/Discharge	0.78	0.02	0.1	*	0.39	0.02	0.1	*	0.21	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	5365	1/Discharge	14	NA	NA	*	2.3	NA	NA	*	0.31	NA	NA	*
Nitrite - N	Composite	mg/L	-	1/Discharge	ND	0.043	0.1	U *	ND	0.043	0.1	U *	ND	0.043	0.1	U *
Nitrobenzene	Composite	µg/L	-	1/Year	ND	0.45	1.2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	-	1/Year	ND	0.18	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	1/Discharge	3.6	0.51	0.99	*	0.78	0.5	0.97	J (DNQ*)	ND	0.5	0.97	U *
Oil & Grease	Grab	lbs/day	8,048	1/Discharge	70	NA	NA	*	4.6	NA	NA	J (DNQ*)	ND	NA	NA	U *
o-Xylene	Composite	µg/L	-	Additional[(h)]	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
o-Xylene	Grab	µg/L	-	Additional[(h)]	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1.0	1/Discharge	ND	0.82	0.97	U *	ND	0.83	0.98	U *	ND	0.82	0.97	U *
Pentachlorophenol	Composite	lbs/day	0.54	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	1/Discharge	ND	0.91	2	U *	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	3.22	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Discharge	7.93	NM	NM	*	7.36	NM	NM	*	7.08	NM	NM	*
Phenanthrene	Composite	µg/L	-	1/Year	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	ND	0.51	0.97	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	ND	0.083	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	-	1/Year	1.3	0.52	2	J (DNQ*)	0.87	0.52	2	J (DNQ)	ANR	ANR	ANR	ANR
Selenium, dissolved	Composite	µg/L	-	Additional/Year	0.72	0.52	2	J (DNQ*)	ND	0.52	2	U	ANR	ANR	ANR	ANR
Settleable solids	Composite	mL/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	1/Discharge	0.2	0.1	0.1	*	0.3	0.1	0.1	*	ND	0.1	0.1	U *
Silver	Composite	µg/L	-	1/Year	0.37	0.23	1	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	Additional/Year	ND	0.23	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				02/19/2024 07:45 - 02/20/2024 08:35				02/27/2024 07:55 - 02/28/2024 11:40			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Sulfate	Composite	mg/L	250	1/Discharge	2.8	0.18	1	*	3.4	0.18	1	*	23	0.18	1	*
Sulfate	Composite	lbs/day	134,128	1/Discharge	52	NA	NA	*	20	NA	NA	*	34	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Discharge	50.2	NM	NM	*	50.6	NM	NM	*	49.2	NM	NM	*
Tetrachloroethene	Composite	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	0.17	0.11	1	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.1	1/Year	0.0032	NA	NA	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	Additional/Year	ND	0.11	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Composite	µg/L	-	1/Year	ND	0.23	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	Composite	mg/L	850	1/Discharge	150	8.7	10	*	120	8.7	10	*	180	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	456,034	1/Discharge	2800	NA	NA	*	700	NA	NA	*	270	NA	NA	*
Total Residual Chlorine, Field	Grab	mg/L	-	1/Year	0	NM	NM	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Discharge	150	5.3	6.7	*	140	2.3	2.9	*	ND	0.8	1	U *
Toxaphene	Composite	µg/L	-	1/Year	ND	0.054	0.067	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ND	0.24	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.22	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ND	0.18	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Composite	µg/L	-	1/Year	ND	0.17	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Composite	µg/L	-	Additional[(h)]	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	Composite	µg/L	-	1/Year	25	0.17	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	Additional/Year	1.5	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Composite	µg/L	-	1/Year	ND	0.47	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ND	0.39	1	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	120	1/Discharge	40	2.8	20	*	39	2.8	20	--	ND	2.8	20	U
Zinc	Composite	lbs/day	64.4	1/Discharge	0.7	NA	NA	*	0.23	NA	NA	--	ND	NA	NA	U
Zinc, dissolved	Composite	µg/L	-	Additional/Discharge	3	2.8	20	J (DNQ*)	3.4	2.8	20	J (DNQ)	ND	2.8	20	U

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	03/07/2024 07:55 - 03/08/2024 07:20				03/23/2024 08:30 - 03/24/2024 08:50				03/30/2024 07:55 - 03/31/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dichlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether[(m)]	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Composite	µg/L	-	1/Discharge	ND	3	5.1	U *	ND	2.9	4.9	U *	ND	2.9	4.8	U *
4,4'-DDD	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Composite	µg/L	-	1/Discharge	ND	0.009	0.25	U *	ND	0.009	0.25	U *	ND	0.009	0.25	U *
4,4'-DDT	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	03/07/2024 07:55 - 03/08/2024 07:20				03/23/2024 08:30 - 03/24/2024 08:50				03/30/2024 07:55 - 03/31/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aldrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-Endosulfan	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Composite	mg/L	1.0	1/Discharge	7.1	0.043	0.075	--	0.1	0.0086	0.015	J+ (Q)	12	0.043	0.075	--
Aluminum	Composite	lbs/day	537	1/Discharge	44	NA	NA	--	0.1	NA	NA	J+ (Q)	270	NA	NA	--
Aluminum, dissolved	Composite	mg/L	-	Additional/Discharge	0.74	0.0086	0.015	--	0.0097	0.0086	0.015	J (DNQ)	0.11	0.0086	0.015	--
Ammonia - N	Composite	mg/L	-	1/Discharge	ND	0.029	0.075	U *	ND	0.029	0.075	U *	ND	0.029	0.075	U *
Anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	µg/L	6.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Composite	lbs/day	3.2	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1254	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Composite	µg/L	-	1/Discharge	4	0.16	1	--	0.93	0.16	1	J (DNQ)	5.3	0.16	1	--
Arsenic, dissolved	Composite	µg/L	-	Additional/Discharge	1.3	0.16	1	--	0.8	0.16	1	J (DNQ)	1	0.16	1	--
Asbestos > 0.5 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Asbestos > 10 um	Composite	MFL	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Composite	µg/L	-	1/Discharge	ND	2.7	5.1	U *	ND	2.7	4.9	U *	ND	2.6	4.8	U *
Benzo(a)anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethoxy) Methane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroisopropyl) Ether	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Composite	µg/L	4.0	1/Discharge	ND	3.6	5.1	U *	ND	3.5	4.9	U *	ND	3.4	4.8	U *
Bis (2-Ethylhexyl) Phthalate	Composite	lbs/day	2.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Boron	Composite	mg/L	1.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron	Composite	lbs/day	537	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium	Composite	µg/L	4.0	1/Discharge	0.25	0.13	1	J (DNQ)	ND	0.13	1	U	0.28	0.13	1	J (DNQ)
Cadmium	Composite	lbs/day	2.1	1/Discharge	0.0016	NA	NA	J (DNQ)	ND	NA	NA	U	0.0063	NA	NA	J (DNQ)
Cadmium, dissolved	Composite	µg/L	-	Additional/Discharge	ND	0.13	1	U	ND	0.13	1	U	ND	0.13	1	U
Carbon tetrachloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Carbon tetrachloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	03/07/2024 07:55 - 03/08/2024 07:20				03/23/2024 08:30 - 03/24/2024 08:50				03/30/2024 07:55 - 03/31/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Chlordane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Composite	mg/L	150	1/Discharge	5.3	0.36	1	*	17	0.72	2	*	3.9	0.72	2	*
Chloride	Composite	lbs/day	80,477	1/Discharge	33	NA	NA	*	11	NA	NA	*	88	NA	NA	*
Chlorobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorpyrifos	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Composite	Pass or Fail and % Effect	Pass or % Effect <50	1st & 2nd rain event/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper	Composite	µg/L	31	1/Discharge	10	0.32	2	--	2	0.32	2	--	13	0.32	2	--
Copper	Composite	lbs/day	16.6	1/Discharge	0.06	NA	NA	--	0.001	NA	NA	--	0.29	NA	NA	--
Copper, dissolved	Composite	µg/L	-	Additional/Discharge	1.8	0.32	2	J (DNQ)	1.5	0.32	2	J (DNQ)	1.6	0.32	2	J (DNQ)
Cyanide	Composite	µg/L	9.5	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyanide	Composite	lbs/day	5.1	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
delta-BHC	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Detergents (as MBAS)	Composite	mg/L	-	1/Discharge	ND	0.05	0.2	U *	0.06	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *
Diazinon	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dieldrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	13.99	NM	NM	*	13.4	NM	NM	*	6.11	NM	NM	*
Endosulfan sulfate	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Flow**	Meas	mgd	64.33	1/Discharge	0.7449	NA	NA	*	0.0786	NA	NA	*	2.715	NA	NA	*
Fluoranthene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Composite	mg/L	1.6	1/Year	0.12	0.046	0.1	*	ND	0.092	0.2	U *	0.064	0.046	0.1	J (DNQ*)
Fluoride	Composite	lbs/day	858	1/Year	0.75	NA	NA	*	ND	NA	NA	U *	1.4	NA	NA	J (DNQ*)
gamma-BHC (Lindane)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	03/07/2024 07:55 - 03/08/2024 07:20				03/23/2024 08:30 - 03/24/2024 08:50				03/30/2024 07:55 - 03/31/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Hardness, Dissolved (as CaCO3)	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor epoxide	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Human Bacteroides	Grab	CEs/100mL	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Composite	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron, dissolved	Composite	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Lead	Composite	µg/L	5.2	1/Discharge	190	0.12	1	--	0.47	0.12	1	J (DNQ)	230	0.12	1	J+ (Q)
Lead	Composite	lbs/day	2.8	1/Discharge	1.2	NA	NA	--	0.00031	NA	NA	J (DNQ)	5.2	NA	NA	J+ (Q)
Lead, dissolved	Composite	µg/L	-	Additional/Discharge	10	0.12	1	--	ND	0.12	1	U	10	0.12	1	--
m,p-Xylenes	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury	Composite	µg/L	0.024	1/Discharge	0.017	0.0002	0.0005	*	0.0034	0.0002	0.0005	*	0.022	0.0002	0.0005	*
Mercury	Composite	lbs/day	0.013	1/Discharge	0.00011	NA	NA	*	0.0000022	NA	NA	*	0.0005	NA	NA	*
Mercury, dissolved	Composite	µg/L	-	Additional/Discharge	0.0056	0.0002	0.0005	*	0.0033	0.0002	0.0005	*	0.0059	0.0002	0.0005	*
Methylene chloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Methylene chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	µg/L	100	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Composite	lbs/day	53.7	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Composite	mg/L	-	1/Discharge	0.24	0.02	0.1	*	0.11	0.039	0.2	J (DNQ*)	0.72	0.039	0.2	*
Nitrate + Nitrite as Nitrogen (N)	Composite	mg/L	10	1/Discharge	0.24	0.02	0.1	*	0.11	0.02	0.1	*	0.72	0.02	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Composite	lbs/day	5365	1/Discharge	1.5	NA	NA	*	0.072	NA	NA	*	16	NA	NA	*
Nitrite - N	Composite	mg/L	-	1/Discharge	ND	0.043	0.1	U *	ND	0.086	0.2	U *	ND	0.086	0.2	U *
Nitrobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitroso-di-n-propylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	15	1/Discharge	1.3	0.5	0.98	*	ND	0.53	1	U *	ND	0.51	1	U *
Oil & Grease	Grab	lbs/day	8,048	1/Discharge	8	NA	NA	*	ND	NA	NA	U *	ND	NA	NA	U *
o-Xylene	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
o-Xylene	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Composite	µg/L	1.0	1/Discharge	ND	0.85	1	U *	ND	0.83	0.98	U *	ND	0.81	0.96	U *
Pentachlorophenol	Composite	lbs/day	0.54	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
Perchlorate	Composite	µg/L	6.0	1/Discharge	ND	0.91	2	U *	ND	0.91	2	U *	ND	0.91	2	U *
Perchlorate	Composite	lbs/day	3.22	1/Discharge	ND	NA	NA	U *	ND	NA	NA	U *	ND	NA	NA	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Discharge	7.65	NM	NM	*	7.84	NM	NM	*	8.26	NM	NM	*
Phenanthrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pyrene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Composite	mL/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Settleable solids	Grab	mL/L	-	1/Discharge	ND	0.1	0.1	U *	0.1	0.1	0.1	*	0.3	0.1	0.1	*
Silver	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-1.C
EFFLUENT MONITORING DATA SUMMARY TABLES
OUTFALLS 004, 006, AND 009
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 009				Outfall 009				Outfall 009			
				DATE RANGE	03/07/2024 07:55 - 03/08/2024 07:20				03/23/2024 08:30 - 03/24/2024 08:50				03/30/2024 07:55 - 03/31/2024 10:55			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Sulfate	Composite	mg/L	250	1/Discharge	8.8	0.18	1	*	55	0.37	2	*	5	0.37	2	*
Sulfate	Composite	lbs/day	134,128	1/Discharge	55	NA	NA	*	36	NA	NA	*	100	NA	NA	*
Temperature (Field)	Grab	Deg F	80	1/Discharge	48.1	NM	NM	*	51.8	NM	NM	*	48.4	NM	NM	*
Tetrachloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Tetrachloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	µg/L	2.0	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Composite	lbs/day	1.1	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	Composite	mg/L	850	1/Discharge	140	8.7	10	*	290	8.7	10	*	200	8.7	10	*
Total Dissolved Solids	Composite	lbs/day	456,034	1/Discharge	870	NA	NA	*	190	NA	NA	*	5000	NA	NA	*
Total Residual Chlorine, Field	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Composite	mg/L	-	1/Discharge	120	5.3	6.7	*	2.2	0.8	1	*	180	8	10	*
Toxaphene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Composite	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium, dissolved	Composite	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Composite	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc	Composite	µg/L	120	1/Discharge	37	2.8	20	--	ND	2.8	20	U (B)	59	2.8	20	--
Zinc	Composite	lbs/day	64.4	1/Discharge	0.23	NA	NA	--	ND	NA	NA	U (B)	1.3	NA	NA	--
Zinc, dissolved	Composite	µg/L	-	Additional/Discharge	ND	2.8	20	U	ND	2.8	20	U	ND	2.8	20	U

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 011 (INF-001)				SWTS 011 (INF-001)			
				DATE RANGE	2/5/2024 7:40:00 AM				2/19/2024 8:30:00 AM				3/10/2024 7:35:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *	ND	0.21	0.50	U *	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.12	0.5	U *	ND	0.12	0.50	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.087	0.5	U *	ND	0.087	0.50	U *	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.054	0.5	U *	ND	0.054	0.50	U *	ND	0.054	0.5	U *
1,1-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.24	0.5	U *	ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.2	1	U *	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	0.59	2	U *	ND	0.59	2	U *	ND	0.59	2	U *
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *	ND	0.17	0.50	U *	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Discharge	ND	0.055	0.5	U *	ND	0.055	0.5	U *	ND	0.055	0.5	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.14	0.5	U *	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ND	0.088	0.19	U *	ND	0.088	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.50	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.081	0.5	U *	ND	0.081	0.50	U *	ANR	ANR	ANR	ANR
1,4-Dioxane	Grab	µg/L	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *	ND	0.55	1	U *
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Discharge	ND	0.14	0.97	U *	ND	0.13	0.97	U *	ND	0.14	0.97	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ND	0.13	0.97	U *	ND	0.13	0.97	U *	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ND	4.2	4.9	U *	ND	4.2	4.8	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.51	1.2	U *	ND	0.53	1.2	U *	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Discharge	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.11	0.19	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.44	1.2	U *	ND	0.46	1.2	U *	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.18	0.19	U *	ND	0.17	0.19	U *	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ND	0.19	5	U *	ND	0.54	2.0	U *	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
2-Chlorophenol	Grab	µg/L	-	1/Year	ND	0.093	0.19	U *	ND	0.093	0.19	U *	ANR	ANR	ANR	ANR
2-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.4	4.9	U *	ND	3.4	4.8	U *	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ND	2.9	4.9	U *	ND	2.9	4.8	U *	ANR	ANR	ANR	ANR
4,4'-DDD	Grab	µg/L	-	1/Year	ND	0.0044	0.0067	U *	ND	0.0044	0.0067	U *	ANR	ANR	ANR	ANR
4,4'-DDE	Grab	µg/L	-	1/Discharge	ND	0.0019	0.0033	U *	ND	0.0019	0.0033	U *	ND	0.018	0.5	U *
4,4'-DDT	Grab	µg/L	-	1/Year	ND	0.0016	0.0033	U *	ND	0.0016	0.0033	U *	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ND	4.4	4.9	U *	ND	4.4	4.8	U *	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.097	0.19	U *	ND	0.097	0.19	U *	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ND	0.13	0.97	U *	ND	0.13	0.97	U *	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
4-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.3	4.9	U *	ND	3.3	4.8	U *	ANR	ANR	ANR	ANR
Acenaphthene	Grab	µg/L	-	1/Year	ND	0.096	0.19	U *	ND	0.095	0.19	U *	ANR	ANR	ANR	ANR
Acenaphthylene	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ND	0.73	5	U *	ND	0.73	5.0	U *	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ND	0.36	2	U *	ND	0.36	2.0	U *	ANR	ANR	ANR	ANR
Aldrin	Grab	µg/L	-	1/Year	ND	0.0031	0.0033	U *	ND	0.0031	0.0033	U *	ANR	ANR	ANR	ANR
alpha-BHC	Grab	µg/L	-	1/Discharge	ND	0.0012	0.0013	U *	ND	0.0012	0.0013	U *	ND	0.024	0.5	U *
Aluminum, dissolved	Grab	mg/L	-	Additional/Year	0.23	0.0086	0.015	*	0.03	0.0086	0.015	*	ANR	ANR	ANR	ANR
Aluminum	Grab	mg/L	-	1/Year	1.7	0.0086	0.015	--	1	0.0086	0.015	*	ANR	ANR	ANR	ANR
Ammonia - N	Grab	mg/L	-	1/Discharge	ND	0.029	0.075	U *	0.045	0.029	0.075	J (DNQ*)	0.042	0.029	0.075	J (DNQ*)
Anthracene	Grab	µg/L	-	1/Year	ND	0.082	0.19	U *	ND	0.081	0.19	U *	ANR	ANR	ANR	ANR
Antimony, dissolved	Grab	µg/L	-	Additional/Year	1.6	0.36	2	J (DNQ*)	1.7	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Antimony	Grab	µg/L	-	1/Year	0.61	0.36	2	J (DNQ*)	0.47	0.36	2	J (DNQ*)	ANR	ANR	ANR	ANR
Aroclor 1016	Grab	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1221	Grab	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1232	Grab	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1242	Grab	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1248	Grab	µg/L	-	1/Year	ND	0.044	0.1	U *	ND	0.044	0.1	U *	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 011 (INF-001)				SWTS 011 (INF-001)			
				DATE RANGE	2/5/2024 7:40:00 AM				2/19/2024 8:30:00 AM				3/10/2024 7:35:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1254	Grab	µg/L	-	1/Year	ND	0.052	0.1	U *	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Aroclor 1260	Grab	µg/L	-	1/Year	ND	0.052	0.1	U *	ND	0.052	0.1	U *	ANR	ANR	ANR	ANR
Arsenic, dissolved	Grab	µg/L	-	Additional/Year	1.3	0.16	1	*	1.6	0.16	1	*	ANR	ANR	ANR	ANR
Arsenic	Grab	µg/L	-	1/Year	2.4	0.16	1	*	2.3	0.16	1	*	ANR	ANR	ANR	ANR
Barium, dissolved	Grab	mg/L	-	Additional/Year	0.0097	0.00017	0.001	*	0.022	0.00017	0.001	*	ANR	ANR	ANR	ANR
Barium	Grab	mg/L	-	1/Year	0.026	0.00017	0.001	*	0.032	0.00017	0.001	*	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ND	0.057	0.5	U *	ND	0.057	0.50	U *	ANR	ANR	ANR	ANR
Benzidine	Grab	µg/L	-	1/Year	ND	2.6	4.9	U *	ND	2.6	4.8	U *	ANR	ANR	ANR	ANR
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Beryllium, dissolved	Grab	µg/L	-	Additional/Year	ND	0.26	0.5	U *	0.3	0.26	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Beryllium	Grab	µg/L	-	1/Year	ND	0.26	0.5	U *	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
beta-BHC	Grab	µg/L	-	1/Year	ND	0.0039	0.005	U *	ND	0.0039	0.005	U *	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Grab	mg/L	-	1/Discharge	1.3	1	2	J (DNQ*)	4	1	2	*	3.3	1	2	*
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ND	0.4	1.9	U *	ND	0.4	1.9	U *	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.8	U *	ND	3.5	4.9	U *
Boron, dissolved	Grab	mg/L	-	Additional/Year	0.045	0.0035	0.5	J (DNQ*)	0.078	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Boron	Grab	mg/L	-	1/Year	0.054	0.0035	0.5	J (DNQ*)	0.091	0.0035	0.5	J (DNQ*)	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.084	0.5	U *	ND	0.084	0.50	U *	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ND	0.34	1	U *	ND	0.34	1.0	U *	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	0.44	0.5	U *	ND	0.44	0.50	U *	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ND	0.65	0.97	U *	ND	0.65	0.97	U *	ANR	ANR	ANR	ANR
Cadmium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.13	1	U *	0.17	0.13	1	J (DNQ*)	ND	0.13	1	U *
Cadmium	Grab	µg/L	-	1/Discharge	0.15	0.13	1	J (DNQ*)	0.22	0.13	1	J (DNQ*)	0.18	0.13	1	J (DNQ*)
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ND	0.23	0.50	U *	ANR	ANR	ANR	ANR
Chlordane	Grab	µg/L	-	1/Year	ND	0.026	0.033	U *	ND	0.026	0.033	U *	ANR	ANR	ANR	ANR
Chloride	Grab	mg/L	-	1/Discharge	1.9	0.72	2	J (DNQ*)	3.1	0.72	2	*	6	0.36	1	*
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.13	0.5	U *	ND	0.13	0.50	U *	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ND	0.26	1	U *	ND	0.26	1.0	U *	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *	ND	0.23	0.50	U *	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.50	U *	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Grab	µg/L	-	Additional/Year	ND	3	50	U *	ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	3.2	3	50	J (DNQ*)	ND	3	50	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Grab	µg/L	-	Additional/Year	ND	0.051	0.2	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	ND	0.051	0.2	U *	0.057	0.051	0.2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium, dissolved	Grab	µg/L	-	Additional/Year	1.2	0.14	2	J (DNQ*)	0.37	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chromium	Grab	µg/L	-	1/Year	3.2	0.14	2	*	1.7	0.14	2	J (DNQ*)	ANR	ANR	ANR	ANR
Chronic Toxicity	Grab	Pass or Fail and % Effect	-	1/Year	SURVIVAL = PASS, % EFFECT = 0.00%	NM	NM	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.098	0.5	U *	ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.065	0.50	U *	ANR	ANR	ANR	ANR
Cobalt, dissolved	Grab	µg/L	-	Additional/Year	0.16	0.14	1	J (DNQ*)	0.16	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Cobalt	Grab	µg/L	-	1/Year	1.1	0.14	1	*	0.77	0.14	1	J (DNQ*)	ANR	ANR	ANR	ANR
Copper, dissolved	Grab	µg/L	-	Additional/Discharge	4.4	0.32	2	*	6.4	0.32	2	*	3.9	0.32	2	*
Copper	Grab	µg/L	-	1/Discharge	4.9	0.32	2	*	9.5	0.32	2	*	8.5	0.32	2	*
Cyanide	Grab	µg/L	-	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyclohexane	Grab	µg/L	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Grab	µg/L	-	1/Year	ND	0.002	0.0033	U *	ND	0.002	0.0033	U *	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.065	0.5	U *	ND	0.065	0.50	U *	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 011 (INF-001)				SWTS 011 (INF-001)			
				DATE RANGE	2/5/2024 7:40:00 AM				2/19/2024 8:30:00 AM				3/10/2024 7:35:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Dieldrin	Grab	µg/L	-	1/Year	ND	0.0013	0.0033	U *	ND	0.0013	0.0033	U *	ANR	ANR	ANR	ANR
Diethyl phthalate	Grab	µg/L	-	1/Year	ND	0.18	1.9	U *	ND	0.18	1.9	U *	ANR	ANR	ANR	ANR
Dimethyl phthalate	Grab	µg/L	-	1/Year	ND	0.095	1.9	U *	ND	0.095	1.9	U *	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ND	1.8	1.9	U *	ND	1.8	1.9	U *	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ND	0.52	2.9	U *	ND	0.52	2.9	U *	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	7.11	NM	NM	*	17.83	NM	NM	*	15.65	NM	NM	*
alpha-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0013	0.0013	U *	ND	0.0013	0.0013	U *	ANR	ANR	ANR	ANR
beta-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0041	0.0067	U *	ND	0.0041	0.0067	U *	ANR	ANR	ANR	ANR
Endosulfan sulfate	Grab	µg/L	-	1/Year	ND	0.0014	0.0033	U *	ND	0.0014	0.0033	U *	ANR	ANR	ANR	ANR
Endrin	Grab	µg/L	-	1/Year	ND	0.0023	0.0033	U *	ND	0.0023	0.0033	U *	ANR	ANR	ANR	ANR
Endrin aldehyde	Grab	µg/L	-	1/Year	ND	0.024	0.033	U *	ND	0.024	0.033	U *	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ND	0.045	0.5	U *	ND	0.045	0.50	U *	ANR	ANR	ANR	ANR
Fluoranthene	Grab	µg/L	-	1/Year	ND	0.098	0.19	U *	ND	0.097	0.19	U *	ANR	ANR	ANR	ANR
Fluorene	Grab	µg/L	-	1/Year	ND	0.092	0.19	U *	ND	0.092	0.19	U *	ANR	ANR	ANR	ANR
Fluoride	Grab	mg/L	-	1/Year	0.11	0.092	0.2	J (DNQ*)	ND	0.092	0.2	U *	0.19	0.046	0.1	*
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ND	0.00066	0.0013	U *	ND	0.00066	0.0013	U *	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Grab	mg/L	-	Additional/Year	19	0.5	7.1	*	65	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Grab	mg/L	-	1/Year	25	0.5	7.1	*	74	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Grab	µg/L	-	1/Discharge	ND	0.0012	0.0013	U *	ND	0.0012	0.0013	U *	ND	0.023	0.5	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ND	0.0039	0.0067	U *	ND	0.0039	0.0067	U *	ANR	ANR	ANR	ANR
Hexachlorobenzene	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ND	0.29	0.5	U *	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *	ND	0.15	0.19	U *	ANR	ANR	ANR	ANR
Hexachloroethane	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Discharge	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.12	0.19	U *
Iron, dissolved	Grab	mg/L	-	Additional/Year	0.2	0.0037	0.02	*	0.038	0.0037	0.02	*	ANR	ANR	ANR	ANR
Iron	Grab	mg/L	-	1/Year	2.7	0.0037	0.02	*	1.5	0.0037	0.02	*	ANR	ANR	ANR	ANR
Isophorone	Grab	µg/L	-	1/Year	ND	0.096	0.19	U *	ND	0.096	0.19	U *	ANR	ANR	ANR	ANR
Lead, dissolved	Grab	µg/L	-	Additional/Discharge	0.27	0.12	1	J (DNQ*)	0.18	0.12	1	J (DNQ*)	ND	0.12	1	U *
Lead	Grab	µg/L	-	1/Discharge	2.9	0.12	1	*	2.8	0.12	1	*	1	0.12	1	*
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ND	0.21	1	U *	ND	0.21	1.0	U *	ANR	ANR	ANR	ANR
Manganese, dissolved	Grab	µg/L	-	Additional/Year	3.5	0.41	1	*	2	0.41	1	*	ANR	ANR	ANR	ANR
Manganese	Grab	µg/L	-	1/Year	54	0.41	1	*	55	0.41	1	*	ANR	ANR	ANR	ANR
Mercury, dissolved	Grab	µg/L	-	Additional/Discharge	0.017	0.0002	0.0005	*	0.011	0.0002	0.0005	*	0.0042	0.0002	0.0005	*
Mercury	Grab	µg/L	-	1/Discharge	0.04	0.0002	0.0005	--	0.067	0.0002	0.0005	--	0.034	0.0002	0.0005	--
Monomethyl hydrazine	Grab	µg/L	-	1/Discharge	ND	0.62	2	U*	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	ND	0.69	2	U *	ND	0.69	2.0	U *	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.19	1	U *	ND	0.19	1.0	U *	ANR	ANR	ANR	ANR
Nickel, dissolved	Grab	µg/L	-	Additional/Year	1.5	0.17	2	J (DNQ*)	1.9	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Nickel	Grab	µg/L	-	1/Year	3.2	0.17	2	*	2.8	0.17	2	*	ANR	ANR	ANR	ANR
Nitrate - N	Grab	mg/L	-	1/Discharge	0.36	0.039	0.2	*	0.29	0.039	0.2	*	0.055	0.02	0.1	J (DNQ*)
Nitrite - N	Grab	mg/L	-	1/Discharge	ND	0.086	0.2	U *	ND	0.086	0.2	U *	0.068	0.043	0.1	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Grab	mg/L	-	1/Discharge	0.36	0.02	0.1	*	0.29	0.02	0.1	*	0.12	0.02	0.1	*
Nitrobenzene	Grab	µg/L	-	1/Year	ND	0.44	1.2	U *	ND	0.45	1.2	U *	ANR	ANR	ANR	ANR
Nitrobenzene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Grab	µg/L	-	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.19	U *	ND	0.18	0.19	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *	ND	0.14	0.19	U *	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *	ND	0.1	0.19	U *	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	-	1/Discharge	ND	0.53	1	U *	ND	0.5	0.98	U *	ND	0.51	1	U *
o-Xylene	Grab	µg/L	-	Additional[(h)]	ND	0.088	0.5	U *	ND	0.088	0.50	U *	ANR	ANR	ANR	ANR
Pentachlorophenol	Grab	µg/L	-	1/Discharge	ND	0.82	0.97	U *	ND	0.82	0.97	U *	ND	0.82	0.97	U *
Perchlorate	Grab	µg/L	-	1/Year	ND	0.91	2	U *	ND	0.91	2	U *	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	-	1/Discharge	5.63	NM	NM	*	7.12	NM	NM	*	7.08	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *	ND	0.16	0.19	U *	ANR	ANR	ANR	ANR
Phenol	Grab	µg/L	-	1/Year	ND	0.51	0.97	U *	ND	0.51	0.97	U *	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 011 (INF-001)				SWTS 011 (INF-001)			
				DATE RANGE	2/5/2024 7:40:00 AM				2/19/2024 8:30:00 AM				3/10/2024 7:35:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Pyrene	Grab	µg/L	-	1/Year	ND	0.084	0.19	U *	ND	0.083	0.19	U *	ANR	ANR	ANR	ANR
Selenium, dissolved	Grab	µg/L	-	Additional/Discharge	0.55	0.52	2	J (DNQ*)	0.55	0.52	2	J (DNQ*)	ND	0.52	2	U *
Selenium	Grab	µg/L	-	1/Discharge	0.57	0.52	2	J (DNQ*)	ND	0.52	2	U *	ND	0.52	2	U *
Silver, dissolved	Grab	µg/L	-	Additional/Year	ND	0.23	1	U *	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Silver	Grab	µg/L	-	1/Year	ND	0.23	1	U *	ND	0.23	1	U *	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	1/Discharge	53	1	1	*	170	1	1	*	230	1	1	*
Sulfate	Grab	mg/L	-	1/Discharge	1.5	0.37	2	J (DNQ*)	8.8	0.37	2	*	17	0.18	1	*
Detergents (as MBAS)	Grab	mg/L	-	1/Discharge	0.068	0.05	0.2	J (DNQ*)	0.087	0.05	0.2	J (DNQ*)	0.057	0.05	0.2	J (DNQ*)
Temperature (Field)	Grab	Deg F	-	1/Discharge	57.8	NM	NM	*	50.9	NM	NM	*	44.6	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.099	0.5	U *	ND	0.099	0.50	U *	ANR	ANR	ANR	ANR
Thallium, dissolved	Grab	µg/L	-	Additional/Year	ND	0.11	1	U *	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Thallium	Grab	µg/L	-	1/Year	ND	0.11	1	U *	ND	0.11	1	U *	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ND	0.073	0.5	U *	ND	0.073	0.50	U *	ANR	ANR	ANR	ANR
Total Dissolved Solids	Grab	mg/L	-	1/Discharge	87	8.7	10	*	120	17	20	*	150	8.7	10	*
Total Organic Carbon	Grab	mg/L	-	1/Year	10	1.1	2	*	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	mg/L	-	1/Year	0	NM	NM	*	0.06	NM	NM	*	ANR	ANR	ANR	ANR
Total Suspended Solids	Grab	mg/L	-	1/Discharge	47	1.6	2	*	35	0.8	1	*	54	1.6	2	*
Toxaphene	Grab	µg/L	-	1/Year	ND	0.054	0.067	U *	ND	0.054	0.067	U *	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.14	0.5	U *	ND	0.14	0.50	U *	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *	ND	0.11	0.50	U *	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *	ND	0.1	0.5	U *
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ND	0.2	0.5	U *	ND	0.26	0.5	U *	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	1.5	2	U *	ND	1.5	2	U *	ND	1.5	2	U *
Turbidity	Grab	NTU	-	1/Discharge	80	0.05	0.05	*	45	0.05	0.05	*	40	0.05	0.05	*
Vanadium, dissolved	Grab	µg/L	-	Additional/Year	1	0.17	2	J (DNQ*)	1.1	0.17	2	J (DNQ*)	ANR	ANR	ANR	ANR
Vanadium	Grab	µg/L	-	1/Year	5.7	0.17	2	*	3.6	0.17	2	*	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *	ND	0.15	0.50	U *	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ND	0.21	1	U *	ND	0.21	1	U *	ANR	ANR	ANR	ANR
Zinc, dissolved	Grab	µg/L	-	Additional/Discharge	5.1	2.8	20	J (DNQ*)	5.2	2.8	20	J (DNQ*)	ND	2.8	20	U *
Zinc	Grab	µg/L	-	1/Discharge	20	2.8	20	*	20	2.8	20	*	19	2.8	20	J (DNQ*)

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/29/2024 7:15:00 AM				1/2/2024 7:30:00 AM				2/2/2024 7:15:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.25	0.5	U *	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.2	0.5	U *	ND	0.2	0.5	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.17	0.5	U *	ND	0.17	0.5	U *
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.39	0.5	U *	ND	0.39	0.5	U *
1,1-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.47	1	U *	ND	0.33	0.5	U *	ND	0.33	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.12	0.19	U *	ND	0.13	0.2	U *
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.29	1	U *	ND	0.29	1	U *
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	1.2	4	U *	ND	0.58	2	U *	ND	0.58	2	U *
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.16	0.5	U *	ND	0.16	0.5	U *
1,2-Dichloroethane	Grab	µg/L	-	1/Discharge	ND	0.11	1	U *	ND	0.15	0.5	U *	ND	0.15	0.5	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.17	0.5	U *	ND	0.17	0.5	U *
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.088	0.19	U *	ND	0.092	0.2	U *
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.16	0.5	U *	ND	0.16	0.5	U *
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.19	U *	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.5	U *	ND	0.11	0.5	U *
1,4-Dioxane	Grab	µg/L	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *	ND	0.55	1	U *
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.19	U *	ND	0.13	0.2	U *
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Discharge	ND	0.14	0.97	U *	ND	0.13	0.97	U *	ND	0.14	1	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.97	U *	ND	0.14	1	U *
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.12	0.19	U *	ND	0.13	0.2	U *
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	4.2	4.9	U *	ND	4.3	5.1	U *
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.33	0.7	U *	ND	0.33	0.7	U *
2,4-Dinitrotoluene	Grab	µg/L	-	1/Discharge	ND	0.11	0.19	U *	ND	0.11	0.19	U *	ND	0.12	0.2	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.35	0.8	U *	ND	0.35	0.8	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.17	0.19	U *	ND	0.18	0.2	U *
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.19	5	U *	ND	1.1	2.0	U *
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.14	0.19	U *	ND	0.15	0.2	U *
2-Chlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.093	0.19	U *	ND	0.097	0.2	U *
2-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	3.4	4.9	U *	ND	3.5	5.1	U *
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	2.9	4.9	U *	ND	3	5.1	U *
4,4'-DDD	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.014	0.25	U *	ND	0.0044	0.0067	U *
4,4'-DDE	Grab	µg/L	-	1/Discharge	ND	0.009	0.25	U *	ND	0.009	0.25	U *	ND	0.0019	0.0033	U *
4,4'-DDT	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.014	0.25	U *	ND	0.0016	0.0033	U *
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	4.4	4.9	U *	ND	4.6	5.1	U *
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.097	0.19	U *	ND	0.1	0.2	U *
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.97	U *	ND	0.13	1	U *
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.16	0.19	U *	ND	0.17	0.2	U *
4-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	3.3	4.9	U *	ND	3.4	5.1	U *
Acenaphthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.096	0.19	U *	ND	0.099	0.2	U *
Acenaphthylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.19	U *	ND	0.13	0.2	U *
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	4.6	5	U *	ND	4.6	5	U *
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	1.4	2	U *	ND	1.4	2	U *
Aldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.005	0.25	U *	ND	0.0031	0.0033	U *
alpha-BHC	Grab	µg/L	-	1/Discharge	ND	0.012	0.25	U *	ND	0.012	0.25	U *	ND	0.0012	0.0013	U *
Aluminum, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.067	0.0086	0.015	--	0.089	8.6	15	*
Aluminum	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	0.12	0.0086	0.015	--	0.69	8.6	15	*
Ammonia - N	Grab	mg/L	-	1/Discharge	0.031	0.029	0.075	J (DNQ*)	0.21	0.029	0.075	*	0.062	0.029	0.075	J (DNQ*)
Anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.082	0.19	U *	ND	0.085	0.2	U *
Antimony, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.5	0.36	2	J (DNQ)	0.60	0.36	2.0	J (DNQ*)
Antimony	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	0.4	0.36	2	J (DNQ)	ND	0.36	2.0	U *
Aroclor 1016	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.044	0.1	U *	ND	0.044	0.1	U *
Aroclor 1221	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.044	0.1	U *	ND	0.044	0.1	U *
Aroclor 1232	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.044	0.1	U *	ND	0.044	0.1	U *
Aroclor 1242	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.044	0.1	U *	ND	0.044	0.1	U *
Aroclor 1248	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.044	0.1	U *	ND	0.044	0.1	U *

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/29/2024 7:15:00 AM				1/2/2024 7:30:00 AM				2/2/2024 7:15:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1254	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.052	0.1	U *	ND	0.052	0.1	U *
Aroclor 1260	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.052	0.1	U *	ND	0.052	0.1	U *
Arsenic, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	2	0.16	1	--	1.1	0.16	1.0	*
Arsenic	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	2.1	0.16	1	--	1.4	0.16	1.0	*
Barium, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.021	0.00017	0.001	--	0.016	0.17	1.0	*
Barium	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	0.023	0.00017	0.001	--	0.023	0.17	1.0	*
Benzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.28	0.5	U *	ND	0.28	0.5	U *
Benzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	2.6	4.9	U *	ND	2.7	5.1	U *
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.12	0.19	U *	ND	0.12	0.2	U *
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.15	0.19	U *	ND	0.15	0.2	U *
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ND	0.11	0.2	U *
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.1	0.19	U *	ND	0.11	0.2	U *
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ND	0.11	0.2	U *
Beryllium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ND	0.26	0.5	U	ND	0.26	0.50	U *
Beryllium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.26	0.5	U	ND	0.26	0.50	U *
beta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0075	0.25	U *	ND	0.0039	0.005	U *
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Grab	mg/L	-	1/Discharge	1.4	1	2	J (DNQ*)	1.7	1	2	J (DNQ*)	2	1	2	*
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.1	0.19	U *	ND	0.11	0.2	U *
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.4	1.9	U *	ND	0.4	1.9	U *
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.1	0.19	U *	ND	0.11	0.2	U *
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.9	U *	ND	3.6	5.1	U *
Boron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.044	0.0035	0.5	J (DNQ)	0.036	0.0035	0.5	J (DNQ)
Boron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	0.053	0.0035	0.5	J (DNQ)	0.041	0.0035	0.5	J (DNQ)
Bromodichloromethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.19	0.5	U *	ND	0.19	0.5	U *
Bromoform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.25	1	U *	ND	0.25	1	U *
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.22	0.5	U *	ND	0.22	0.5	U *
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.65	0.97	U *	ND	0.68	1	U *
Cadmium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.13	1	U	ND	0.13	1	U	ND	0.13	1	U *
Cadmium	Grab	µg/L	-	1/Discharge	ND	0.13	1	U	ND	0.13	1	U	ND	0.13	1	U *
Carbon tetrachloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.28	0.5	U *	ND	0.28	0.5	U *
Chlordane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.22	0.25	U *	ND	0.026	0.033	U *
Chloride	Grab	mg/L	-	1/Discharge	4.6	0.36	1	*	8.8	3.6	10	J (DNQ*)	5.8	0.36	1	*
Chlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.19	0.5	U *	ND	0.19	0.5	U *
Chloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.29	1	U *	ND	0.29	1	U *
Chloroform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.19	0.5	U *	ND	0.19	0.5	U *
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.3	0.5	U *	ND	0.3	0.5	U *
Chromium III (Trivalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ND	3	50	U *	ND	3	50	U *
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	3	50	U *	ND	3	50	U *
Chromium VI (Hexavalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ND	0.051	0.2	U *	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.051	0.2	U *	0.07	0.051	0.2	J (DNQ*)
Chromium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.39	0.14	2	J (DNQ)	0.34	0.14	2	J (DNQ*)
Chromium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	0.44	0.14	2	J (DNQ)	1.4	0.14	2	J (DNQ*)
Chronic Toxicity	Grab	Pass or Fail and % Effect	-	1/Year	ANR	ANR	ANR	ANR	SURVIVAL = PASS, % EFFECT = 0.00%	NM	NM	*	ANR	ANR	ANR	ANR
Chrysene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ND	0.11	0.2	U *
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.2	1	U *	ND	0.21	0.5	U *	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.3	0.5	U *	ND	0.3	0.5	U *
Cobalt, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.2	0.14	1	J (DNQ)	ND	0.14	1.0	U *
Cobalt	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	0.22	0.14	1	J (DNQ)	0.39	0.14	1.0	J (DNQ*)
Copper, dissolved	Grab	µg/L	-	Additional/Discharge	6.2	0.32	2	--	2	0.32	2	--	3.6	0.32	2	*
Copper	Grab	µg/L	-	1/Discharge	7.7	0.32	2	--	2.3	0.32	2	--	3.5	0.32	2	*
Cyanide	Grab	µg/L	-	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyclohexane	Grab	µg/L	-	1/Discharge	ND	1.5	4	U *	ND	0.79	2	U *	ND	0.79	2	U *
delta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0095	0.25	U *	ND	0.002	0.0033	U *
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.15	0.19	U *	ND	0.16	0.2	U *
Chlorodibromomethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.15	0.5	U *	ND	0.15	0.5	U *

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/29/2024 7:15:00 AM				1/2/2024 7:30:00 AM				2/2/2024 7:15:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Dieldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0085	0.25	U *	ND	0.0013	0.0033	U *
Diethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.18	1.9	U *	ND	0.18	2	U *
Dimethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.095	1.9	U *	ND	0.099	2	U *
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	1.8	1.9	U *	ND	1.9	2	U *
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.52	2.9	U *	ND	0.54	3	U *
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	11.94	NM	NM	*	10.72	NM	NM	*	11.99	NM	NM	*
alpha-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0095	0.25	U *	ND	0.0013	0.0013	U *
beta-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0095	0.25	U *	ND	0.0041	0.0067	U *
Endosulfan sulfate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.015	0.25	U *	ND	0.0014	0.0033	U *
Endrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0085	0.25	U *	ND	0.0023	0.0033	U *
Endrin aldehyde	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0095	0.25	U *	ND	0.024	0.033	U *
Ethylbenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.25	0.5	U *	ND	0.25	0.5	U *
Fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.098	0.19	U *	ND	0.1	0.2	U *
Fluorene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.092	0.19	U *	ND	0.096	0.2	U *
Fluoride	Grab	mg/L	-	1/Year	0.35	0.046	0.1	*	ND	0.46	1	U *	0.14	0.046	0.1	*
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.0075	0.25	U *	ND	0.00066	0.0013	U *
Hardness, Dissolved (as CaCO3)	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	80	0.5	7.1	*	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	89	0.5	7.1	*	ANR	ANR	ANR	ANR
Heptachlor	Grab	µg/L	-	1/Discharge	ND	0.012	0.25	U *	ND	0.012	0.25	U *	ND	0.0012	0.0013	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.009	0.25	U *	ND	0.0039	0.0067	U *
Hexachlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.13	0.19	U *	ND	0.14	0.2	U *
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.15	0.19	U *	ND	0.15	0.2	U *
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.21	0.5	U *	ND	0.21	0.5	U *
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.15	0.19	U *	ND	0.15	0.2	U *
Hexachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.12	0.19	U *	ND	0.13	0.2	U *
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Discharge	ND	0.12	0.19	U *	ND	0.12	0.19	U *	ND	0.13	0.2	U *
Iron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	0.28	0.0037	0.02	--	ANR	ANR	ANR	ANR
Iron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	0.41	0.0037	0.02	--	ANR	ANR	ANR	ANR
Isophorone	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.096	0.19	U *	ND	0.1	0.2	U *
Lead, dissolved	Grab	µg/L	-	Additional/Discharge	0.21	0.12	1	J (DNQ)	0.14	0.12	1	J (DNQ)	0.48	0.12	1	J (DNQ*)
Lead	Grab	µg/L	-	1/Discharge	0.78	0.12	1	J (DNQ)	0.22	0.12	1	J (DNQ)	1.1	0.12	1	*
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ND	0.17	1	U *	ND	0.17	1	U *
Manganese, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	230	0.41	1	--	3.2	0.41	1.0	*
Manganese	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	250	0.41	1	--	84	0.41	1.0	*
Mercury, dissolved	Grab	µg/L	-	Additional/Discharge	0.0079	0.0002	0.0005	*	0.0067	0.0002	0.0005	*	0.0067	0.0002	0.0005	*
Mercury	Grab	µg/L	-	1/Discharge	0.016	0.0002	0.0005	*	0.0085	0.0002	0.0005	*	0.012	0.0002	0.0005	*
Monomethyl hydrazine	Grab	µg/L	-	1/Discharge	ND	0.62	2	U *	ND	0.62	1	U *	ND	0.62	2	U*
Methylene chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.57	2	U *	ND	0.57	2	U *
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	0.19	U *	ND	0.11	0.2	U *
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.33	1	U *	ND	0.33	1	U *
Nickel, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	1.4	0.17	2	J (DNQ)	1.1	0.17	2.0	J (DNQ*)
Nickel	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	1.5	0.17	2	J (DNQ)	2.0	0.17	2.0	*
Nitrate - N	Grab	mg/L	-	1/Discharge	0.038	0.02	0.1	J (DNQ*)	0.35	0.2	1	J (DNQ*)	0.42	0.02	0.1	*
Nitrite - N	Grab	mg/L	-	1/Discharge	0.11	0.043	0.1	*	ND	0.43	1	U *	0.047	0.043	0.1	J (DNQ*)
Nitrate + Nitrite as Nitrogen (N)	Grab	mg/L	-	1/Discharge	0.15	0.02	0.1	*	0.35	0.02	0.1	*	0.47	0.02	0.1	*
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.42	0.9	U *	ND	0.42	0.9	U *
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.14	0.19	U *	ND	0.15	0.2	U *
N-Nitrosodimethylamine	Grab	µg/L	-	1/Discharge	ND	0.18	0.19	U *	ND	0.18	0.19	U *	ND	0.19	0.2	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.14	0.19	U *	ND	0.15	0.2	U *
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.1	0.19	U *	ND	0.11	0.2	U *
Oil & Grease	Grab	mg/L	-	1/Discharge	ND	0.53	1	U *	ND	0.52	1	U *	ND	0.5	0.97	U *
o-Xylene	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ND	0.15	0.5	U *	ND	0.15	0.5	U *
Pentachlorophenol	Grab	µg/L	-	1/Discharge	ND	0.82	0.97	U *	ND	0.82	0.97	U *	ND	0.85	1	U *
Perchlorate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.91	2	U *	ND	0.91	2	U *
pH (Field)	Grab	s.u.	-	1/Discharge	7.96	NM	NM	*	7.81	NM	NM	*	6.91	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.16	0.19	U *	ND	0.17	0.2	U *
Phenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.51	0.97	U *	ND	0.53	1	U *

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 011 (INF-001)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/29/2024 7:15:00 AM				1/2/2024 7:30:00 AM				2/2/2024 7:15:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.083	0.19	U *	ND	0.087	0.2	U *
Selenium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.52	2	U	ND	0.52	2	U	ND	0.52	2	U *
Selenium	Grab	µg/L	-	1/Discharge	ND	0.52	2	U	ND	0.52	2	U	ND	0.52	2	U *
Silver, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ND	0.23	1	U	ND	0.23	1.0	U *
Silver	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.23	1	U	ND	0.23	1.0	U *
Conductivity at 25 DEG C	Grab	umhos/cm	-	1/Discharge	330	1	1	*	260	1	1	*	230	1	1	*
Sulfate	Grab	mg/L	-	1/Discharge	24	0.18	1	*	37	1.8	10	*	30	0.18	1	*
Detergents (as MBAS)	Grab	mg/L	-	1/Discharge	0.09	0.05	0.2	J (DNQ*)	0.096	0.05	0.2	J (DNQ*)	0.077	0.05	0.2	J (DNQ*)
Temperature (Field)	Grab	Deg F	-	1/Discharge	48.4	NM	NM	*	44	NM	NM	*	50.3	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.21	0.5	U *	ND	0.21	0.5	U *
Thallium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ND	0.11	1	U	ND	0.11	1.0	U *
Thallium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.11	1	U	ND	0.11	1.0	U *
Toluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.23	0.5	U *	ND	0.23	0.5	U *
Total Dissolved Solids	Grab	mg/L	-	1/Discharge	240	8.7	10	*	250	8.7	10	*	180	8.7	10	*
Total Organic Carbon	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	13	1.1	2	*	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	0.11	NM	NM	*	0.02	NM	NM	*
Total Suspended Solids	Grab	mg/L	-	1/Discharge	7.5	0.8	1	*	2.9	0.8	1	*	15	0.8	1	*
Toxaphene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	5	10	U *	ND	0.054	0.067	U *
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.24	0.5	U *	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.18	0.5	U *	ND	0.18	0.5	U *
Trichloroethene	Grab	µg/L	-	1/Discharge	ND	0.2	1	U *	ND	0.17	0.5	U *	ND	0.17	0.5	U *
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ND	0.29	0.5	U *	ND	0.29	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	2.9	4	U *	ND	0.33	2	U *	ND	0.33	2	U *
Turbidity	Grab	NTU	-	1/Discharge	7.8	0.05	0.05	*	3.2	0.05	0.05	*	27	0.05	0.05	*
Vanadium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	1.3	0.17	2	J (DNQ)	1.1	0.17	2.0	J (DNQ*)
Vanadium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	1.4	0.17	2	J (DNQ)	3.1	0.17	2.0	*
Vinyl chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ND	0.47	0.5	U *	ND	0.47	0.5	U *
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ND	0.17	1	U *	ND	0.21	1	U *
Zinc, dissolved	Grab	µg/L	-	Additional/Discharge	4.3	2.8	20	J (DNQ)	3.2	2.8	20	J (DNQ)	6.3	2.8	20	J (DNQ*)
Zinc	Grab	µg/L	-	1/Discharge	ND	2.8	20	U (B)	4.6	2.8	20	J (DNQ)	17	2.8	20	J (DNQ*)

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	2/18/2024 7:10:00 AM				2/27/2024 9:30:00 AM				3/6/2024 6:10:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.054	0.5	U *	ANR	ANR	ANR	ANR	ND	0.054	0.5	U *
1,1-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.24	0.5	U *	ND	0.24	0.5	U *	ND	0.24	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	0.59	2	U*	ND	0.59	2	U*	ND	0.59	2	U*
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Discharge	ND	0.055	0.5	U *	ND	0.055	0.5	U*	ND	0.055	0.5	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Grab	µg/L	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *	0.98	0.55	1	J (DNQ*)
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Discharge	ND	0.14	1	U *	ND	0.13	0.96	U *	ND	0.14	0.99	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Discharge	ND	0.12	0.21	U *	ND	0.11	0.19	U *	ND	0.12	0.2	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Grab	µg/L	-	1/Discharge	ND	0.01	0.05	U *	ND	0.0036	0.1	U *	ND	0.018	0.5	U *
4,4'-DDT	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Grab	µg/L	-	1/Discharge	ND	0.0024	0.05	U *	ND	0.0049	0.1	U *	ND	0.024	0.5	U *
Aluminum, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ammonia - N	Grab	mg/L	-	1/Discharge	0.082	0.029	0.075	*	0.057	0.029	0.075	J (DNQ*)	ND	0.029	0.075	U *
Anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	2/18/2024 7:10:00 AM				2/27/2024 9:30:00 AM				3/6/2024 6:10:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1254	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Grab	mg/L	-	1/Discharge	1.2	1	2	J (DNQ*)	ND	1	2	U *	2.2	1	2	*
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Discharge	ND	3.7	5.2	U *	ND	3.4	4.8	U *	ND	3.6	4.9	U *
Boron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	ND	0.13	1	U *
Cadmium	Grab	µg/L	-	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U *	ND	0.13	1	U *
Carbon tetrachloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Grab	mg/L	-	1/Discharge	9.2	0.36	1	*	8.9	0.72	2	*	13	1.8	5	*
Chlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Grab	Pass or Fail and % Effect	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.098	0.5	U *	ND	0.098	0.5	U *	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper, dissolved	Grab	µg/L	-	Additional/Discharge	1.3	0.32	2	J (DNQ*)	2.7	0.32	2	*	2.4	0.32	2	*
Copper	Grab	µg/L	-	1/Discharge	2.7	0.32	2	*	3	0.32	2	*	3.5	0.32	2	*
Cyanide	Grab	µg/L	-	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *	ND	2.5	5	U *
Cyclohexane	Grab	µg/L	-	1/Discharge	ND	0.75	2	U *	ND	0.75	2	U *	ND	0.75	2	U *
delta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	2/18/2024 7:10:00 AM				2/27/2024 9:30:00 AM				3/6/2024 6:10:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Dieldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	12.24	NM	NM	*	13.79	NM	NM	*	13.25	NM	NM	*
alpha-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Grab	mg/L	-	1/Year	0.079	0.046	0.1	J (DNQ*)	0.16	0.092	0.2	J (DNQ*)	0.23	0.23	0.5	J (DNQ*)
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Grab	µg/L	-	1/Discharge	ND	0.0023	0.05	U *	ND	0.0046	0.1	U *	ND	0.023	0.5	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Discharge	ND	0.13	0.21	U *	ND	0.12	0.19	U *	ND	0.13	0.2	U *
Iron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Lead, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.12	1	U *	0.12	0.12	1	J (DNQ*)	ND	0.12	1	U *
Lead	Grab	µg/L	-	1/Discharge	0.18	0.12	1	J (DNQ*)	0.35	0.12	1	J (DNQ*)	0.27	0.12	1	J (DNQ*)
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury, dissolved	Grab	µg/L	-	Additional/Discharge	0.0032	0.0002	0.0005	*	0.0069	0.0002	0.0005	*	0.0038	0.0002	0.0005	*
Mercury	Grab	µg/L	-	1/Discharge	0.0045	0.0002	0.0005	*	0.0088	0.0002	0.0005	*	0.0064	0.0002	0.0005	*
Monomethyl hydrazine	Grab	µg/L	-	1/Discharge	ND	0.62	1	U *	ND	0.62	2	U *	ND	0.62	1	U *
Methylene chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Grab	mg/L	-	1/Discharge	0.27	0.02	0.1	*	0.17	0.039	0.2	J (DNQ*)	ND	0.098	0.5	U *
Nitrite - N	Grab	mg/L	-	1/Discharge	0.1	0.043	0.1	*	ND	0.086	0.2	U *	ND	0.22	0.5	U *
Nitrate + Nitrite as Nitrogen (N)	Grab	mg/L	-	1/Discharge	0.37	0.02	0.1	*	0.17	0.02	0.1	*	ND	0.02	0.1	U *
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Grab	µg/L	-	1/Discharge	16	0.19	0.21	*	ND	0.18	0.19	U *	ND	0.18	0.2	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	-	1/Discharge	ND	0.52	1	U *	ND	0.5	0.98	U *	ND	0.51	1	U *
o-Xylene	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Grab	µg/L	-	1/Discharge	ND	0.88	1	U *	ND	0.81	0.96	U *	ND	0.84	0.99	U *
Perchlorate	Grab	µg/L	-	1/Year	ND	0.91	2	U *	ND	0.91	2	U *	ND	0.91	2	U *
pH (Field)	Grab	s.u.	-	1/Discharge	7.26	NM	NM	*	7.15	NM	NM	*	6.66	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	2/18/2024 7:10:00 AM				2/27/2024 9:30:00 AM				3/6/2024 6:10:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	Grab	µg/L	-	Additional/Discharge	0.61	0.52	2	J (DNQ*)	ND	0.52	2	U *	ND	0.52	2	U *
Selenium	Grab	µg/L	-	1/Discharge	0.61	0.52	2	J (DNQ*)	0.54	0.52	2	J (DNQ*)	ND	0.52	2	U *
Silver, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	1/Discharge	530	1	1	*	320	1	1	*	400	1	1	*
Sulfate	Grab	mg/L	-	1/Discharge	140	0.92	5	*	32	0.37	2	*	43	0.92	5	*
Detergents (as MBAS)	Grab	mg/L	-	1/Discharge	0.063	0.05	0.2	J (DNQ*)	ND	0.05	0.2	U *	0.081	0.05	0.2	J (DNQ*)
Temperature (Field)	Grab	Deg F	-	1/Discharge	55.1	NM	NM	*	51.9	NM	NM	*	49.6	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	Grab	mg/L	-	1/Discharge	350	8.7	10	*	240	8.7	10	*	290	8.7	10	*
Total Organic Carbon	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Grab	mg/L	-	1/Discharge	3.3	0.8	1	*	2.8	0.8	1	*	6.4	0.8	1	*
Toxaphene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Discharge	ND	0.1	0.5	U *	ND	0.1	0.5	U *	0.68	0.1	0.5	*
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	1.5	2	U *	ND	1.5	2	U *	ND	1.5	2	U *
Turbidity	Grab	NTU	-	1/Discharge	1.6	0.05	0.05	*	5.1	0.05	0.05	*	4.8	0.05	0.05	*
Vanadium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, dissolved	Grab	µg/L	-	Additional/Discharge	2.9	2.8	20	J (DNQ*)	4.3	2.8	20	J (DNQ*)	ND	2.8	20	U *
Zinc	Grab	µg/L	-	1/Discharge	ND	2.8	20	U *	6	2.8	20	J (DNQ*)	4.1	2.8	20	J (DNQ*)

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/22/2024 7:00:00 AM				3/29/2024 7:45:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.24	0.5	U *	ND	0.47	1	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2,4-Trichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloro-1,1,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	0.59	2	U*	ND	1.2	4	U*
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Dichloroethane	Grab	µg/L	-	1/Discharge	ND	0.055	0.5	U *	ND	0.11	1	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,4-Dioxane	Grab	µg/L	-	1/Discharge	ND	0.55	1	U *	ND	0.55	1	U *
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Discharge	ND	0.14	0.98	U *	ND	0.14	0.98	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,4-Dinitrotoluene	Grab	µg/L	-	1/Discharge	ND	0.11	0.2	U *	ND	0.11	0.2	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Chlorophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDD	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4,4'-DDE	Grab	µg/L	-	1/Discharge	ND	0.018	0.5	U *	ND	0.009	0.25	U *
4,4'-DDT	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
4-Nitrophenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acenaphthylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrolein	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Acrylonitrile	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
alpha-BHC	Grab	µg/L	-	1/Discharge	ND	0.024	0.5	U *	ND	0.012	0.25	U *
Aluminum, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aluminum	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ammonia - N	Grab	mg/L	-	1/Discharge	ND	0.029	0.075	U *	ND	0.029	0.075	U *
Anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Antimony	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1016	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1221	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1232	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1242	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1248	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/22/2024 7:00:00 AM				3/29/2024 7:45:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Aroclor 1254	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Aroclor 1260	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Arsenic	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Barium	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzidine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Beryllium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Biochemical Oxygen Demand (BOD)(5-Day @ 20 deg. C)	Grab	mg/L	-	1/Discharge	1.2	1	2	J (DNQ*)	3.7	1	2	*
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Discharge	ND	3.5	4.9	U *	ND	3.5	4.9	U *
Boron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Boron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromodichloromethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromoform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cadmium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Cadmium	Grab	µg/L	-	1/Discharge	ND	0.13	1	U *	ND	0.13	1	U
Carbon tetrachloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlordane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloride	Grab	mg/L	-	1/Discharge	20	0.36	1	*	25	0.36	1	*
Chlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloroform	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent), dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chromium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chronic Toxicity	Grab	Pass or Fail and % Effect	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chrysene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Discharge	ND	0.098	0.5	U *	ND	0.2	1	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Cobalt	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Copper, dissolved	Grab	µg/L	-	Additional/Discharge	1.9	0.32	2	J (DNQ*)	1.5	0.32	2	J (DNQ)
Copper	Grab	µg/L	-	1/Discharge	2.5	0.32	2	*	1.9	0.32	2	J (DNQ)
Cyanide	Grab	µg/L	-	1/Discharge	ND	2.5	5	U *	ND	2.5	5	U *
Cyclohexane	Grab	µg/L	-	1/Discharge	ND	0.75	2	U *	ND	1.5	4	U *
delta-BHC	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorodibromomethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/22/2024 7:00:00 AM				3/29/2024 7:45:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Dieldrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Diethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dimethyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Dissolved Oxygen (Field)	Grab	mg/L	-	1/Discharge	11.72	NM	NM	*	12.16	NM	NM	*
alpha-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
beta-Endosulfan	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endosulfan sulfate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Endrin aldehyde	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Ethylbenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoranthene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluorene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Fluoride	Grab	mg/L	-	1/Year	0.28	0.046	0.1	*	0.28	0.046	0.1	*
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness, Dissolved (as CaCO3)	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hardness (as CaCO3)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Heptachlor	Grab	µg/L	-	1/Discharge	ND	0.023	0.5	U *	ND	0.012	0.25	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Hexachloroethane	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Discharge	ND	0.13	0.2	U *	ND	0.13	0.2	U *
Iron, dissolved	Grab	mg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Iron	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Isophorone	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Lead, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.12	1	U *	ND	0.12	1	U
Lead	Grab	µg/L	-	1/Discharge	ND	0.12	1	U *	0.19	0.12	1	J (DNQ)
m,p-Xylenes	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Manganese	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Mercury, dissolved	Grab	µg/L	-	Additional/Discharge	0.0025	0.0002	0.0005	*	0.0021	0.0002	0.0005	*
Mercury	Grab	µg/L	-	1/Discharge	0.0031	0.0002	0.0005	*	0.0038	0.0002	0.0005	*
Monomethyl hydrazine	Grab	µg/L	-	1/Discharge	ND	0.62	2	U *	ND	0.62	2	U *
Methylene chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nickel	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrate - N	Grab	mg/L	-	1/Discharge	ND	0.02	0.1	U *	0.02	0.02	0.1	J (DNQ*)
Nitrite - N	Grab	mg/L	-	1/Discharge	ND	0.043	0.1	U *	0.31	0.043	0.1	*
Nitrate + Nitrite as Nitrogen (N)	Grab	mg/L	-	1/Discharge	ND	0.02	0.1	U *	0.33	0.02	0.1	*
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Nitrobenzene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodimethylamine	Grab	µg/L	-	1/Discharge	ND	0.18	0.2	U *	ND	0.18	0.2	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Oil & Grease	Grab	mg/L	-	1/Discharge	0.99	0.5	0.99	*	ND	0.5	0.97	U *
o-Xylene	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Pentachlorophenol	Grab	µg/L	-	1/Discharge	ND	0.82	0.98	U *	ND	0.83	0.98	U *
Perchlorate	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
pH (Field)	Grab	s.u.	-	1/Discharge	7.31	NM	NM	*	7.81	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Phenol	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR

TABLE C-2
INFLUENT MONITORING DATA SUMMARY TABLE
SWTS 011 (INF-001) AND SWTS 018 (INF-002)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	3/22/2024 7:00:00 AM				3/29/2024 7:45:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Pyrene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Selenium, dissolved	Grab	µg/L	-	Additional/Discharge	ND	0.52	2	U *	ND	0.52	2	U
Selenium	Grab	µg/L	-	1/Discharge	ND	0.52	2	U *	ND	0.52	2	U
Silver, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Silver	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Conductivity at 25 DEG C	Grab	umhos/cm	-	1/Discharge	530	1	1	*	610	1	1	*
Sulfate	Grab	mg/L	-	1/Discharge	70	0.18	1	*	87	0.18	1	*
Detergents (as MBAS)	Grab	mg/L	-	1/Discharge	0.075	0.05	0.2	J (DNQ*)	0.066	0.05	0.2	J (DNQ*)
Temperature (Field)	Grab	Deg F	-	1/Discharge	60	NM	NM	*	52	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Thallium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Toluene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Dissolved Solids	Grab	mg/L	-	1/Discharge	360	8.7	10	*	410	8.7	10	*
Total Organic Carbon	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Chlorine, Total Residual (Field)	Grab	mg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Total Suspended Solids	Grab	mg/L	-	1/Discharge	2.4	0.8	1	*	5.4	0.8	1	*
Toxaphene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Trichloroethene	Grab	µg/L	-	1/Discharge	ND	0.1	0.5	U *	ND	0.2	1	U *
Trichlorofluoromethane	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
1,1,2-Trichloro-1,2,2-trifluoroethane	Grab	µg/L	-	1/Discharge	ND	1.5	2	U *	ND	2.9	4	U *
Turbidity	Grab	NTU	-	1/Discharge	2.1	0.05	0.05	*	3.7	0.05	0.05	*
Vanadium, dissolved	Grab	µg/L	-	Additional/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vanadium	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Vinyl chloride	Grab	µg/L	-	1/Year	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Xylenes (Total)	Grab	µg/L	-	Additional[(h)]	ANR	ANR	ANR	ANR	ANR	ANR	ANR	ANR
Zinc, dissolved	Grab	µg/L	-	Additional/Discharge	ND	2.8	20	U *	ND	2.8	20	U
Zinc	Grab	µg/L	-	1/Discharge	ND	2.8	20	U *	ND	2.8	20	U

TABLE C-3.A
ARROYO SIMI RECEIVING WATERS
RSW-002 (DOWNSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	RSW-002			
				DATE RANGE	1/22/2024 10:25:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.2	0.5	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.39	0.5	U *
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.33	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ND	0.087	0.19	U *
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ND	4.1	4.8	U *
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.17	0.19	U *
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ND	1.1	2	U *
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
2-Chlorophenol	Grab	µg/L	-	1/Year	ND	0.092	0.19	U *
2-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.4	4.8	U *
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ND	2.9	4.8	U *
4,4'-DDD	Grab	µg/L	-	1/Quarter	ND	0.014	0.25	U *
4,4'-DDE	Grab	µg/L	-	1/Quarter	ND	0.009	0.25	U *
4,4'-DDT	Grab	µg/L	-	1/Quarter	ND	0.014	0.25	U *
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ND	4.4	4.8	U *
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.096	0.19	U *
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *
4-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.3	4.8	U *
Acenaphthene	Grab	µg/L	-	1/Year	ND	0.095	0.19	U *
Acenaphthylene	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
Acrolein	Grab	µg/L	-	1/Year	ND	4.6	5	U *
Acrylonitrile	Grab	µg/L	-	1/Year	ND	1.4	2	U *
Aldrin	Grab	µg/L	-	1/Year	ND	0.005	0.25	U *
alpha-BHC	Grab	µg/L	-	1/Year	ND	0.012	0.25	U *
Anthracene	Grab	µg/L	-	1/Year	ND	0.081	0.19	U *
Antimony	Grab	µg/L	-	1/Year	0.66	0.36	2	J (DNQ*)
Aroclor 1016	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1221	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1232	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1242	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1248	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1254	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1260	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Arsenic	Grab	µg/L	-	1/Year	1.8	0.16	1	*
Asbestos > 0.5 um	Grab	MFL	-	1/Year	ND	11	10.6	U *
Asbestos > 10 um	Grab	MFL	-	1/Year	ND	11	10.6	U *
Benzene	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *
Benzidine	Grab	µg/L	-	1/Year	ND	2.6	4.8	U *
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *

TABLE C-3.A
ARROYO SIMI RECEIVING WATERS
RSW-002 (DOWNSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	RSW-002			
				DATE RANGE	1/22/2024 10:25:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
Beryllium	Grab	µg/L	-	1/Year	ND	0.26	0.5	U *
beta-BHC	Grab	µg/L	-	1/Year	ND	0.0075	0.25	U *
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Year	ND	3.5	4.8	U *
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Bromoform	Grab	µg/L	-	1/Year	ND	0.25	1	U *
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	0.22	0.5	U *
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ND	0.65	0.96	U *
Cadmium	Grab	µg/L	-	1/Year	0.17	0.13	1	J (DNQ*)
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *
Chlordane	Grab	µg/L	-	1/Quarter	ND	0.5	2.5	U *
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Chloroethane	Grab	µg/L	-	1/Year	ND	0.29	1	U *
Chloroform	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.3	0.5	U *
Chlorpyrifos	Grab	µg/L	0.014	1/Quarter	ND	0.0081	0.02	U *
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	3.3	3	50	J (DNQ*)
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	0.26	0.051	0.2	*
Chromium	Grab	µg/L	-	1/Year	3.6	0.14	2	*
Chrysene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.3	0.5	U *
Copper	Grab	µg/L	-	1/Year	6.5	0.32	2	*
Cyanide	Grab	µg/L	-	1/Year	ND	2.5	5	U *
delta-BHC	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Diazinon	Grab	µg/L	0.01	1/Quarter	ND	0.0068	0.02	U *
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *
Dieldrin	Grab	µg/L	-	1/Quarter	ND	0.0085	0.25	U *
Diethyl phthalate	Grab	µg/L	-	1/Year	ND	0.17	1.9	U *
Dimethyl phthalate	Grab	µg/L	-	1/Year	ND	0.094	1.9	U *
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ND	1.8	1.9	U *
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ND	0.52	2.9	U *
alpha-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
beta-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Endosulfan sulfate	Grab	µg/L	-	1/Year	ND	0.015	0.25	U *
Endrin	Grab	µg/L	-	1/Year	ND	0.25	0.25	U *
Endrin aldehyde	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Ethylbenzene	Grab	µg/L	-	1/Year	ND	0.25	0.5	U *
Fluoranthene	Grab	µg/L	-	1/Year	ND	0.097	0.19	U *
Fluorene	Grab	µg/L	-	1/Year	ND	0.091	0.19	U *
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ND	0.0075	0.25	U *
Hardness	Grab	mg/L	-	1/Quarter	120	0.42	2	*
Heptachlor	Grab	µg/L	-	1/Year	ND	0.012	0.25	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ND	0.009	0.25	U *
Hexachlorobenzene	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Hexachloroethane	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Isophorone	Grab	µg/L	-	1/Year	ND	0.095	0.19	U *
Lead	Grab	µg/L	-	1/Year	2.3	0.12	1	*
Mercury	Grab	µg/L	-	1/Year	0.0049	0.0002	0.0005	*

TABLE C-3.A
ARROYO SIMI RECEIVING WATERS
RSW-002 (DOWNSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	RSW-002			
				DATE RANGE	1/22/2024 10:25:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Methylene chloride	Grab	µg/L	-	1/Year	ND	0.57	2	U *
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.33	1	U *
Nickel	Grab	µg/L	-	1/Year	4.1	0.17	2	*
Nitrobenzene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
N-Nitrosodimethylamine	Grab	µg/L	-	1/Year	ND	0.18	0.19	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Pentachlorophenol	Grab	µg/L	-	1/Year	ND	0.81	0.96	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	6.98	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *
Phenol	Grab	µg/L	-	1/Year	ND	0.51	0.96	U *
Pyrene	Grab	µg/L	-	1/Year	ND	0.083	0.19	U *
Selenium	Grab	µg/L	-	1/Year	1	0.52	2	J (DNQ*)
Silver	Grab	µg/L	-	1/Year	ND	0.23	1	U *
Temperature (Field)	Grab	Deg F	80	1/Quarter	54.8	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *
Thallium	Grab	µg/L	-	1/Year	ND	0.11	1	U *
Toluene	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *
Total Suspended Solids	Grab	mg/L	-	1/Year	62	1	1.3	*
Toxaphene	Grab	µg/L	-	1/Quarter	ND	5	10	U *
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.18	0.5	U *
Trichloroethene	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.47	0.5	U *
Water Velocity	Grab	ft/sec	-	1/Quarter	0.2	NM	NM	*
Zinc	Grab	µg/L	-	1/Year	25	2.8	20	*

TABLE C-3.B
ARROYO SIMI RECEIVING WATERS
RSW-003 (UPSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION DATE RANGE	RSW-003 1/22/2024 11:05:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	Grab	µg/L	-	1/Year	ND	0.2	0.5	U *
1,1,2-Trichloroethane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
1,1-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.39	0.5	U *
1,1-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.33	0.5	U *
1,2,4-Trichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
1,2-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
1,2-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *
1,2-Dichloroethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *
1,2-Dichloropropane	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
1,2-Diphenylhydrazine/Azobenzene	Grab	µg/L	-	1/Year	ND	0.087	0.19	U *
1,3-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
1,3-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.16	0.5	U *
1,4-Dichlorobenzene (SVOC)	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
1,4-Dichlorobenzene (VOC)	Grab	µg/L	-	1/Year	ND	0.11	0.5	U *
Bis (2-Chloroisopropyl) Ether	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
2,4,6-Trichlorophenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
2,4-Dichlorophenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
2,4-Dimethylphenol	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
2,4-Dinitrophenol	Grab	µg/L	-	1/Year	ND	4.1	4.8	U *
2,4-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
2,6-Dinitrotoluene	Grab	µg/L	-	1/Year	ND	0.17	0.19	U *
2-Chloroethyl vinyl ether	Grab	µg/L	-	1/Year	ND	1.1	2	U *
2-Chloronaphthalene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
2-Chlorophenol	Grab	µg/L	-	1/Year	ND	0.092	0.19	U *
2-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.3	4.8	U *
3,3'-Dichlorobenzidine	Grab	µg/L	-	1/Year	ND	2.9	4.8	U *
4,4'-DDD	Grab	µg/L	-	1/Year	ND	0.014	0.25	U *
4,4'-DDE	Grab	µg/L	-	1/Year	ND	0.009	0.25	U *
4,4'-DDT	Grab	µg/L	-	1/Year	ND	0.014	0.25	U *
2-Methyl-4,6-dinitrophenol	Grab	µg/L	-	1/Year	ND	4.3	4.8	U *
4-Bromophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.096	0.19	U *
4-Chloro-3-methylphenol	Grab	µg/L	-	1/Year	ND	0.13	0.96	U *
4-Chlorophenyl phenyl ether	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *
4-Nitrophenol	Grab	µg/L	-	1/Year	ND	3.2	4.8	U *
Acenaphthene	Grab	µg/L	-	1/Year	ND	0.094	0.19	U *
Acenaphthylene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Acrolein	Grab	µg/L	-	1/Year	ND	4.6	5	U *
Acrylonitrile	Grab	µg/L	-	1/Year	ND	1.4	2	U *
Aldrin	Grab	µg/L	-	1/Year	ND	0.005	0.25	U *
alpha-BHC	Grab	µg/L	-	1/Year	ND	0.012	0.25	U *
Anthracene	Grab	µg/L	-	1/Year	ND	0.081	0.19	U *
Antimony	Grab	µg/L	-	1/Year	3.1	0.36	2	*
Aroclor 1016	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1221	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1232	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1242	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1248	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1254	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Aroclor 1260	Grab	µg/L	-	1/Quarter	ND	2.5	5	U *
Arsenic	Grab	µg/L	-	1/Year	1.8	0.16	1	*
Asbestos > 0.5 um	Grab	MFL	-	1/Year	ND	11	10.6	U *
Asbestos > 10 um	Grab	MFL	-	1/Year	ND	11	10.6	U *
Benzene	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *
Benzidine	Grab	µg/L	-	1/Year	ND	2.6	4.8	U *
Benzo(a)anthracene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Benzo(a)pyrene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *

TABLE C-3.B
ARROYO SIMI RECEIVING WATERS
RSW-003 (UPSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	RSW-003			
				DATE RANGE	1/22/2024 11:05:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Benzo(b)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
Benzo(g,h,i)perylene	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Benzo(k)fluoranthene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
Beryllium	Grab	µg/L	-	1/Year	0.48	0.26	0.5	J (DNQ*)
beta-BHC	Grab	µg/L	-	1/Year	ND	0.0075	0.25	U *
Bis (2-Chloroethoxy) Methane	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Bis (2-Chloroethyl) Ether	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Bis (2-Ethylhexyl) Phthalate	Grab	µg/L	-	1/Year	ND	3.4	4.8	U *
Bromodichloromethane	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Bromoform	Grab	µg/L	-	1/Year	ND	0.25	1	U *
Bromomethane (Methyl Bromide)	Grab	µg/L	-	1/Year	ND	0.22	0.5	U *
Butyl benzylphthalate	Grab	µg/L	-	1/Year	ND	0.65	0.96	U *
Cadmium	Grab	µg/L	-	1/Year	0.14	0.13	1	J (DNQ*)
Carbon tetrachloride	Grab	µg/L	-	1/Year	ND	0.28	0.5	U *
Chlordane	Grab	µg/L	-	1/Year	ND	0.5	2.5	U *
Chlorobenzene	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Chloroethane	Grab	µg/L	-	1/Year	ND	0.29	1	U *
Chloroform	Grab	µg/L	-	1/Year	ND	0.19	0.5	U *
Chloromethane (Methyl Chloride)	Grab	µg/L	-	1/Year	ND	0.3	0.5	U *
Chlorpyrifos	Grab	µg/L	-	Additional[(h)]	ND	0.0081	0.02	U *
Chromium III (Trivalent)	Grab	µg/L	-	1/Year	ND	3	50	U *
Chromium VI (Hexavalent)	Grab	µg/L	-	1/Year	0.31	0.051	0.2	*
Chromium	Grab	µg/L	-	1/Year	2.8	0.14	2	*
Chrysene	Grab	µg/L	-	1/Year	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.3	0.5	U *
Copper	Grab	µg/L	-	1/Year	5.8	0.32	2	*
Cyanide	Grab	µg/L	-	1/Year	ND	2.5	5	U *
delta-BHC	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Diazinon	Grab	µg/L	-	Additional[(h)]	ND	0.0068	0.02	U *
Dibenzo(a,h)anthracene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Chlorodibromomethane	Grab	µg/L	-	1/Year	ND	0.15	0.5	U *
Dieldrin	Grab	µg/L	-	1/Year	ND	0.0085	0.25	U *
Diethyl phthalate	Grab	µg/L	-	1/Year	ND	0.17	1.9	U *
Dimethyl phthalate	Grab	µg/L	-	1/Year	ND	0.094	1.9	U *
Di-n-butyl phthalate	Grab	µg/L	-	1/Year	ND	1.8	1.9	U *
Di-n-octyl phthalate	Grab	µg/L	-	1/Year	ND	0.51	2.9	U *
alpha-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
beta-Endosulfan	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Endosulfan sulfate	Grab	µg/L	-	1/Year	ND	0.015	0.25	U *
Endrin	Grab	µg/L	-	1/Year	ND	0.0085	0.25	U *
Endrin aldehyde	Grab	µg/L	-	1/Year	ND	0.0095	0.25	U *
Ethylbenzene	Grab	µg/L	-	1/Year	ND	0.25	0.5	U *
Fluoranthene	Grab	µg/L	-	1/Year	ND	0.096	0.19	U *
Fluorene	Grab	µg/L	-	1/Year	ND	0.091	0.19	U *
gamma-BHC (Lindane)	Grab	µg/L	-	1/Year	ND	0.0075	0.25	U *
Hardness	Grab	mg/L	-	1/Quarter	120	0.42	2	*
Heptachlor	Grab	µg/L	-	1/Year	ND	0.012	0.25	U *
Heptachlor epoxide	Grab	µg/L	-	1/Year	ND	0.009	0.25	U *
Hexachlorobenzene	Grab	µg/L	-	1/Year	ND	0.13	0.19	U *
Hexachlorobutadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Hexachlorocyclopentadiene	Grab	µg/L	-	1/Year	ND	0.15	0.19	U *
Hexachloroethane	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Indeno(1,2,3-cd)pyrene	Grab	µg/L	-	1/Year	ND	0.12	0.19	U *
Isophorone	Grab	µg/L	-	1/Year	ND	0.095	0.19	U *
Lead	Grab	µg/L	-	1/Year	2	0.12	1	*
Mercury	Grab	µg/L	-	1/Year	0.0051	0.0002	0.0005	*

TABLE C-3.B
ARROYO SIMI RECEIVING WATERS
RSW-003 (UPSTREAM)
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	RSW-003			
				DATE RANGE	1/22/2024 11:05:00 AM			
ANALYTE	SAMPLE TYPE	UNITS	DAILY MAXIMUM LIMIT	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Methylene chloride	Grab	µg/L	-	1/Year	ND	0.57	2	U *
Naphthalene (SVOC)	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Naphthalene (VOC)	Grab	µg/L	-	1/Year	ND	0.33	1	U *
Nickel	Grab	µg/L	-	1/Year	2.2	0.17	2	*
Nitrobenzene	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
N-Nitrosodimethylamine	Grab	µg/L	-	1/Year	ND	0.18	0.19	U *
N-Nitroso-di-n-propylamine	Grab	µg/L	-	1/Year	ND	0.14	0.19	U *
N-Nitrosodiphenylamine	Grab	µg/L	-	1/Year	ND	0.1	0.19	U *
Pentachlorophenol	Grab	µg/L	-	1/Year	ND	0.81	0.96	U *
pH (Field)	Grab	s.u.	6.5-8.5	1/Quarter	7.54	NM	NM	*
Phenanthrene	Grab	µg/L	-	1/Year	ND	0.16	0.19	U *
Phenol	Grab	µg/L	-	1/Year	ND	0.5	0.96	U *
Pyrene	Grab	µg/L	-	1/Year	ND	0.082	0.19	U *
Selenium	Grab	µg/L	-	1/Year	ND	0.52	2	U *
Silver	Grab	µg/L	-	1/Year	ND	0.23	1	U *
Temperature (Field)	Grab	Deg F	80	1/Quarter	54.6	NM	NM	*
Tetrachloroethene	Grab	µg/L	-	1/Year	ND	0.21	0.5	U *
Thallium	Grab	µg/L	-	1/Year	0.2	0.11	1	J (DNQ*)
Toluene	Grab	µg/L	-	1/Year	ND	0.23	0.5	U *
Total Suspended Solids	Grab	mg/L	-	1/Year	26	0.8	1	*
Toxaphene	Grab	µg/L	-	1/Year	ND	5	10	U *
trans-1,2-Dichloroethene	Grab	µg/L	-	1/Year	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	Grab	µg/L	-	1/Year	ND	0.18	0.5	U *
Trichloroethene	Grab	µg/L	-	1/Year	ND	0.17	0.5	U *
Vinyl chloride	Grab	µg/L	-	1/Year	ND	0.47	0.5	U *
Water Velocity	Grab	ft/sec	-	1/Quarter	0.6	NM	NM	*
Zinc	Grab	µg/L	-	1/Year	20	2.8	20	*

TABLE C-4
E. COLI
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

			E. Coli (MPN/100mL)				
LOCATION	**SAMPLE DATE**	**RECEIVING WATER LIMIT**	**SAMPLE TYPE**	**RESULT**	**MDL**	**RL**	**LAB/VALIDATION QUALIFIER**
OF001	2/1/2024	-	Grab	280	NA	NA	*
RSW-001, Outfall 002	1/3/2024	235	Grab	260	NA	NA	*
RSW-001, Outfall 002	1/4/2024	235	Grab	37	NA	NA	*
RSW-001, Outfall 002	1/5/2024	235	Grab	64	NA	NA	*
RSW-001, Outfall 002	1/6/2024	235	Grab	9.8	NA	NA	*
RSW-001, Outfall 002	1/7/2024	235	Grab	6.3	NA	NA	*
RSW-001, Outfall 002	1/8/2024	235	Grab	4.1	NA	NA	*
RSW-001, Outfall 002	1/9/2024	235	Grab	11	NA	NA	*
RSW-001, Outfall 002	1/10/2024	235	Grab	2	NA	NA	*
RSW-001, Outfall 002	1/11/2024	235	Grab	2	NA	NA	*
RSW-001, Outfall 002	1/12/2024	235	Grab	ND	NA	NA	U *
RSW-001, Outfall 002	1/13/2024	235	Grab	6.3	NA	NA	*
RSW-001, Outfall 002	1/14/2024	235	Grab	2	NA	NA	*
RSW-001, Outfall 002	1/15/2024	235	Grab	1	NA	NA	*
RSW-001, Outfall 002	1/16/2024	235	Grab	ND	NA	NA	U *
	Geomean	126	Calc	8			
OF004	2/5/2024	-	Grab	75	NA	NA	*
OF006	2/5/2024	-	Grab	170	NA	NA	*
OF008	2/1/2024	-	Grab	1200	NA	NA	*
OF009	1/22/2024	-	Grab	1200	NA	NA	*
OF011	2/5/2024	-	Grab	200	NA	NA	*
OF018	1/3/2024	-	Grab	ND	NA	NA	U *
RSW-002	1/22/2024	320	Grab	11000	NA	NA	*
RSW-002	1/23/2024	320	Grab	9800	NA	NA	*
RSW-002	1/24/2024	320	Grab	3200	NA	NA	*
RSW-002	1/25/2024	320	Grab	580	NA	NA	*
RSW-002	1/26/2024	320	Grab	99	NA	NA	*
	Geomean	100	Calc	1817			
RSW-003	1/22/2024	320	Grab	10000	NA	NA	*
RSW-003	1/23/2024	320	Grab	2200	NA	NA	*
RSW-003	1/24/2024	320	Grab	2000	NA	NA	*
RSW-003	1/25/2024	320	Grab	650	NA	NA	*
RSW-003	1/26/2024	320	Grab	520	NA	NA	*
	Geomean	100	Calc	1716			
SWTS 011 (INF-001)	2/5/2024	-	Grab	150	NA	NA	*
SWTS 018 (INF-002)	1/2/2024	-	Grab	12	NA	NA	*

TABLE C-5
RADIONUCLIDES
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

		Chemical Name	Cesium-137, Total			Gross Alpha Analytes, Total			Gross Beta Analytes, Total			Gross Beta Analytes			Potassium-40, Total		
		Units	pCi/L			pCi/L			pCi/L			millirem/yr			pCi/L		
		Daily Maximum	-			15			4 millirem/yr			4			-		
LOCATION NAME	SAMPLE DATE	SAMPLE FREQUENCY	RESULT	MDA	LAB/VALIDATION QUALIFIER	RESULT	MDA	LAB/VALIDATION QUALIFIER	RESULT	MDA	LAB/VALIDATION QUALIFIER	RESULT	MDA	LAB/VALIDATION QUALIFIER	RESULT	MDA	LAB/VALIDATION QUALIFIER
OF001	2/2/2024	1/Discharge	3.01 ± 7.29	9.29	U *	4.11 ± 1.62	1.73	*	6.21 ± 1.16	0.907	*	<4	NA	NA	-73.3 ± 124	185	U *
OF001	2/20/2024	1/Discharge	-13.7 ± 24.8	29	U *	1.47 ± 1.47	2.34	U *	2.11 ± 0.726	0.866	*	<4	NA	NA	119 ± 208	223	U *
OF001	2/28/2024	1/Discharge	1.88 ± 7.1	9.29	U *	0.771 ± 0.974	1.61	U *	1.54 ± 0.664	0.892	*	<4	NA	NA	-25.4 ± 141	185	U *
OF001	3/7/2024	1/Discharge	-3.68 ± 14.1	14	U *	1.38 ± 1.05	1.51	U *	1.34 ± 0.624	0.837	*	<4	NA	NA	-8.24 ± 109	156	U *
OF001	3/24/2024	1/Discharge	6.50 ± 12.9	16.6	U *	1.08 ± 2.33	4.1	U *	1.71 ± 1.01	1.49	*	<4	NA	NA	4.53 ± 153	188	U *
OF001	3/31/2024	1/Discharge	-1.02 ± 10.7	13.5	U *	3.81 ± 2.08	2.79	*	4.83 ± 1.07	1.05	*	<4	NA	NA	64.8 ± 115	128	U *
OF002	1/4/2024	1/Discharge	-4.52 ± 12.2	15	U *	0.539 ± 1.33	2.42	U *	3.57 ± 0.85	0.822	*	<4	NA	NA	-13.3 ± 136	174	U *
OF002	1/21/2024	1/Discharge	-5.60 ± 12.1	22.2	U *	4.41 ± 4.43	7.02	U *	2.85 ± 1.57	2.21	*	<4	NA	NA	7.93 ± 103	197	U *
OF002	2/2/2024	1/Discharge	-0.340 ± 9.74	12.5	U *	10.3 ± 3.6	3.33	*	6.89 ± 1.63	1.58	*	<4	NA	NA	11.9 ± 77.4	96.4	U *
OF002	2/20/2024	1/Discharge	-3.58 ± 13	16	U *	5.24 ± 2.38	2.75	*	4.82 ± 1.25	1.34	*	<4	NA	NA	51.8 ± 120	158	U *
OF002	2/28/2024	1/Discharge	-2.07 ± 11	13.8	U *	1.96 ± 1.66	2.61	U *	1.20 ± 0.696	1.04	*	<4	NA	NA	-78.6 ± 96.2	207	U *
OF002	3/8/2024	1/Discharge	6.16 ± 4.72	6.49	U *	0.415 ± 2.36	4.34	U *	2.33 ± 1.41	2.12	*	<4	NA	NA	-164 ± 180	341	U *
OF002	3/24/2024	1/Discharge	-5.79 ± 12	14.5	U *	7.07 ± 5	7.3	U *	1.39 ± 1.7	2.69	U *	<4	NA	NA	64.8 ± 115	128	U *
OF002	3/31/2024	1/Discharge	-0.292 ± 10.9	14	U *	5.91 ± 3.06	4.04	*	2.53 ± 1.06	1.38	*	<4	NA	NA	77.0 ± 82	123	U *
OF004	2/6/2024	1/Discharge	2.04 ± 7.79	9.96	U *	2.21 ± 1.04	1.28	*	3.00 ± 0.803	0.829	*	<4	NA	NA	90.6 ± 91.4	96.4	U *
OF006	2/6/2024	1/Discharge	-2.64 ± 14.1	18.8	U *	3.97 ± 1.6	1.65	*	6.02 ± 1.15	0.939	*	<4	NA	NA	55.2 ± 114	191	U *
OF008	2/2/2024	1/Discharge	0.000 ± 1.76	18.8	U *	1.21 ± 1.02	1.56	U *	3.18 ± 0.863	0.974	*	<4	NA	NA	28.0 ± 107	191	U *
OF008	2/20/2024	1/Discharge	4.40 ± 15.9	20.7	U *	1.96 ± 1.67	2.62	U *	3.65 ± 0.971	1.11	*	<4	NA	NA	-112 ± 244	408	U *
OF008	2/28/2024	1/Discharge	-8.53 ± 15.1	18	U *	0.197 ± 0.857	1.63	U *	2.00 ± 0.711	0.9	*	<4	NA	NA	-14.7 ± 64.8	126	U *
OF008	3/7/2024	1/Discharge	2.04 ± 10.8	13.5	U *	0.984 ± 0.911	1.38	U *	0.970 ± 0.645	0.968	*	<4	NA	NA	-19.1 ± 170	192	U *
OF008	3/24/2024[K]	1/Discharge	1.22 ± 8.67	11.3	U *	0.836 ± 1.28	2.18	U *	0.300 ± 0.521	0.867	U *	<4	NA	NA	53.0 ± 76.9	123	U *
OF008	3/31/2024	1/Discharge	0.880 ± 12.1	16.6	U *	0.911 ± 1.15	1.89	U *	1.22 ± 0.616	0.859	*	<4	NA	NA	77.0 ± 224	250	U *
OF009	1/23/2024	1/Discharge	5.29 ± 9.94	11.7	U *	9.11 ± 2.71	2.42	*	6.57 ± 1.25	0.996	*	<4	NA	NA	100 ± 91.1	135	U *
OF009	2/2/2024	1/Discharge	4.93 ± 8.98	11	U *	4.47 ± 1.89	2.35	*	5.09 ± 1.08	0.984	*	<4	NA	NA	25.2 ± 74	126	U *
OF009	2/20/2024	1/Discharge	-8.53 ± 15.1	18	U *	1.57 ± 1.09	1.59	U *	1.01 ± 0.643	0.945	*	<4	NA	NA	41.2 ± 77.5	126	U *
OF009	2/28/2024	1/Discharge	5.31 ± 10.7	14	U *	0.743 ± 1.18	2.03	U *	1.75 ± 0.718	0.966	*	<4	NA	NA	-121 ± 230	340	U *
OF009	3/8/2024	1/Discharge	-6.51 ± 12.8	17.2	U *	8.72 ± 2.82	2.81	*	5.05 ± 1.12	1.07	*	<4	NA	NA	-18.9 ± 166	205	U *
OF009	3/24/2024	1/Discharge	-0.104 ± 9.76	12.8	U *	4.36 ± 2.43	3.3	*	2.25 ± 0.891	1.15	*	<4	NA	NA	45.0 ± 75.2	123	U *
OF009	3/31/2024	1/Discharge	6.16 ± 18.8	24.1	U *	9.80 ± 2.97	2.85	*	7.17 ± 1.3	0.943	*	<4	NA	NA	-86.1 ± 346	374	U *
OF011	2/6/2024	1/Discharge	0.565 ± 8.4	11	U *	4.11 ± 1.31	1.12	*	3.44 ± 0.899	0.928	*	<4	NA	NA	-6.29 ± 111	158	U *
OF011	2/21/2024	1/Discharge	-2.64 ± 15.7	20.7	U *	0.0762 ± 0.665	1.29	U *	1.77 ± 0.632	0.783	*	<4	NA	NA	82.4 ± 120	191	U *
OF011	3/12/2024	1/Discharge	4.26 ± 8.09	9.96	U *	0.855 ± 1.53	2.62	U *	2.78 ± 0.83	0.984	*	<4	NA	NA	71.5 ± 46	52.7	*
OF011	3/31/2024	1/Discharge	-0.681 ± 8.76	11.3	U *	2.15 ± 1.41	1.99	*	1.67 ± 0.754	1.03	*	<4	NA	NA	19.1 ± 152	173	U *
OF018	1/4/2024	1/Discharge	-0.170 ± 10.5	12.9	U *	1.34 ± 1.38	2.18	U *	3.78 ± 0.889	0.863	*	<4	NA	NA	52.5 ± 93.3	101	U *
OF018	2/4/2024	1/Discharge	5.45 ± 5.51	6.34	U *	1.58 ± 1.49	2.34	U *	1.70 ± 0.717	0.939	*	<4	NA	NA	112 ± 95	96.4	*
OF018	2/20/2024	1/Discharge	0.851 ± 8.78	11.3	U *	0.911 ± 1.7	2.96	U *	2.88 ± 0.874	1.04	*	<4	NA	NA	90.6 ± 91.4	96.4	U *
OF018	2/28/2024	1/Discharge	1.76 ± 14	18.8	U *	0.244 ± 0.918	1.63	U *	1.01 ± 0.468	0.678	*	<4	NA	NA	-85.2 ± 138	300	U *
OF018	3/7/2024	1/Discharge	7.49 ± 5.91	6.34	*	0.997 ± 1.32	2.21	U *	1.89 ± 0.727	0.943	*	<4	NA	NA	90.6 ± 91.4	96.4	U *
OF018	3/26/2024	1/Discharge	-1.05 ± 13.9	11.3	U *	1.57 ± 2.51	4.3	U *	1.36 ± 0.861	1.25	*	<4	NA	NA	-29.5 ± 138	183	U *
OF018	3/31/2024	1/Discharge	-3.52 ± 14.2	18.8	U *	0.966 ± 1.78	3.09	U *	1.29 ± 0.717	1.05	*	<4	NA	NA	-9.06 ± 153	188	U *
SWTS 011 (INF-001)	2/5/2024	1/Discharge	-3.52 ± 12.5	16.6	U *	3.35 ± 1.23	1.26	*	2.85 ± 0.817	0.887	*	<4	NA	NA	41.6 ± 110	191	U *
SWTS 011 (INF-001)	2/19/2024	1/Discharge	-3.40 ± 12.6	15.4	U *	0.0334 ± 0.775	1.51	U *	2.32 ± 0.701	0.81	*	<4	NA	NA	-126 ± 221	237	U *
SWTS 011 (INF-001)	3/10/2024	1/Discharge	1.40 ± 11	14	U *	1.97 ± 1.33	1.87	*	2.91 ± 0.798	0.847	*	<4	NA	NA	-165 ± 120	244	U *
SWTS 011 (INF-001)	3/29/2024	1/Discharge	-4.06 ± 14.9	16.2	U *	1.31 ± 1.44	2.33	U *	1.95 ± 0.772	1.03	*	<4	NA	NA	-77.5 ± 148	183	U *
SWTS 018 (INF-002)	1/2/2024	1/Discharge	1.13 ± 8.47	11	U *	0.934 ± 1.52	2.58	U *	3.62 ± 0.881	0.898	*	<4	NA	NA	-21.3 ± 135	174	U *
SWTS 018 (INF-002)	2/2/2024	1/Discharge	3.96 ± 8.85	11	U *	1.19 ± 1.45	2.38	U *	2.38 ± 0.784	0.956	*	<4	NA	NA	-81.3 ± 94.5	185	U *
SWTS 018 (INF-002)	2/18/2024	1/Discharge	2.64 ± 12.3	16.6	U *	0.573 ± 1.61	2.94	U *	2.41 ± 0.886	1.13	*	<4	NA	NA	14.4 ± 103	191	U *
SWTS 018 (INF-002)	2/27/2024	1/Discharge	-9.19 ± 16.8	19.9	U *	0.975 ± 1.6	2.76	U *	1.87 ± 0.7	0.885	*	<4	NA	NA	186 ± 76.2	52.7	*
SWTS 018 (INF-002)	3/6/2024	1/Discharge	0.340 ± 8.72	11.3	U *	0.0837 ± 1.46	2.8	U *	1.92 ± 0.708	0.912	*	<4	NA	NA	-38.2 ± 154	173	U *
SWTS 018 (INF-002)	3/22/2024	1/Discharge	-1.02 ± 10.7	13.5	U *	5.24 ± 3.22	4.58	*	1.81 ± 1.09	1.59	*	<4	NA	NA	45.3 ± 112	128	U *
SWTS 018 (INF-002)	3/29/2024	1/Discharge	3.52 ± 10.4	14	U *	7.67 ± 3.32	3.99	*	2.88 ± 1.3	1.74	*	<4	NA	NA	-4.53 ± 215	250	U *

TABLE C-5
RADIONUCLIDES
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

		Chemical Name	Radium-226 & 228			Strontium-90, Total			Total Uranium			Tritium, Total		
		Units	pCi/L			pCi/L			pCi/L			pCi/L		
		Daily Maximum	5			8			20			20000		
LOCATION NAME	**SAMPLE DATE**	**SAMPLE FREQUENCY**	**RESULT**	**MDA**	**LAB/VALIDATION QUALIFIER**	**RESULT**	**MDA**	**LAB/VALIDATION QUALIFIER**	**RESULT**	**MDA**	**LAB/VALIDATION QUALIFIER**	**RESULT**	**MDA**	**LAB/VALIDATION QUALIFIER**
OF001	2/2/2024	1/Discharge	2.52 ± 1.528	NM	U *	0.0368 ± 0.387	0.691	U *	0.397 ± 0.309	0.309	*	357 ± 194	280	*
OF001	2/20/2024	1/Discharge	1.57 ± 0.232	NM	U *	0.495 ± 0.366	0.563	U *	0.273 ± 0.268	0.302	U *	5.41 ± 170	306	U *
OF001	2/28/2024	1/Discharge	0.795 ± 0.503	NM	U *	-0.0795 ± 0.208	0.394	U *	0.0844 ± 0.111	0.136	U *	25.7 ± 151	276	U *
OF001	3/7/2024	1/Discharge	0.884 ± 0.491	NM	U *	0.387 ± 0.281	0.433	U *	0.366 ± 0.297	0.321	*	109 ± 168	282	U *
OF001	3/24/2024	1/Discharge	0.672 ± 0.456	NM	U *	0.422 ± 0.237	0.347	*	0.664 ± 0.245	0.112	*	-33.8 ± 163	299	U *
OF001	3/31/2024	1/Discharge	0.416 ± 0.921	NM	*	0.182 ± 0.408	0.705	U *	0.916 ± 0.32	0.149	*	-80.2 ± 155	307	U *
OF002	1/4/2024	1/Discharge	0.88 ± 0.521	NM	U *	-0.121 ± 0.185	0.366	U *	0.176 ± 0.136	0.136	*	48.6 ± 162	282	U *
OF002	1/21/2024	1/Discharge	0.109 ± 0.352	NM	*	0.109 ± 0.18	0.306	U *	2.21 ± 0.505	0.196	*	64.9 ± 164	285	U *
OF002	2/2/2024	1/Discharge	2.59 ± 1.239	NM	*	0.336 ± 0.438	0.727	U *	1.10 ± 0.498	0.445	*	236 ± 184	286	U *
OF002	2/20/2024	1/Discharge	1.07 ± 0.667	NM	U *	3.12 ± 0.528	0.45	*	0.604 ± 0.465	0.454	*	-186 ± 200	382	U *
OF002	2/28/2024	1/Discharge	0.73 ± 0.428	NM	U *	-0.00985 ± 0.249	0.448	U *	1.12 ± 0.34	0.154	*	128 ± 158	262	U *
OF002	3/8/2024	1/Discharge	0.6 ± 0.335	NM	U *	-0.0534 ± 0.247	0.46	U *	1.06 ± 0.327	0.148	*	35.1 ± 183	323	U *
OF002	3/24/2024	1/Discharge	0.95 ± 0.452	NM	*	0.256 ± 0.207	0.323	U *	3.32 ± 0.583	0.145	*	-90.1 ± 161	309	U *
OF002	3/31/2024	1/Discharge	1.63 ± 0.838	NM	*	0.401 ± 0.336	0.532	U *	1.44 ± 0.44	0.249	*	-48.2 ± 153	291	U *
OF004	2/6/2024	1/Discharge	1.44 ± 0.96	NM	U *	-0.0555 ± 0.245	0.452	U *	0.458 ± 0.43	0.528	U *	28.8 ± 173	310	U *
OF006	2/6/2024	1/Discharge	2.54 ± 1.431	NM	U *	-0.0910 ± 0.327	0.615	U *	0.0414 ± 0.3	0.543	U *	16.2 ± 172	308	U *
OF008	2/2/2024	1/Discharge	1.09 ± 0.726	NM	U *	0.124 ± 0.256	0.439	U *	0.200 ± 0.298	0.413	U *	73.9 ± 164	283	U *
OF008	2/20/2024	1/Discharge	1.69 ± 1.181	NM	U *	0.410 ± 0.269	0.41	*	0.673 ± 0.411	0.385	*	270 ± 241	385	U *
OF008	2/28/2024	1/Discharge	0.634 ± 0.441	NM	*	-0.167 ± 0.258	0.487	U *	0.494 ± 0.412	0.421	*	54.5 ± 164	288	U *
OF008	3/7/2024	1/Discharge	0.748 ± 0.527	NM	*	0.690 ± 0.358	0.518	*	0.463 ± 0.304	0.251	*	138 ± 171	282	U *
OF008	3/24/2024[K]	1/Discharge	0.749 ± 0.497	NM	U *	0.181 ± 0.265	0.445	U *	0.288 ± 0.35	0.479	U *	-4.50 ± 167	300	U *
OF008	3/31/2024	1/Discharge	0.758 ± 0.388	NM	U *	0.651 ± 0.261	0.338	*	0.722 ± 0.435	0.373	*	25.2 ± 165	300	U *
OF009	1/23/2024	1/Discharge	1.29 ± 1.814	NM	*	-0.285 ± 0.343	0.669	U *	0.440 ± 0.451	0.613	U *	5.41 ± 192	354	U *
OF009	2/2/2024	1/Discharge	2.6 ± 1.527	NM	U *	0.170 ± 0.446	0.775	U *	0.552 ± 0.411	0.431	*	-40.5 ± 165	306	U *
OF009	2/20/2024	1/Discharge	1.26 ± 0.814	NM	U *	0.967 ± 0.508	0.737	*	0.209 ± 0.361	0.596	U *	53.6 ± 175	305	U *
OF009	2/28/2024	1/Discharge	1.14 ± 0.724	NM	U *	-0.240 ± 0.196	0.403	U *	1.14 ± 0.489	0.327	*	121 ± 158	262	U *
OF009	3/8/2024	1/Discharge	1.74 ± 1.059	NM	U *	-0.167 ± 0.481	0.887	U *	0.902 ± 0.779	0.862	*	-72.1 ± 175	330	U *
OF009	3/24/2024	1/Discharge	0.718 ± 0.421	NM	U *	0.255 ± 0.315	0.521	U *	3.68 ± 0.828	0.272	*	-39.2 ± 160	293	U *
OF009	3/31/2024	1/Discharge	0.733 ± 1.081	NM	*	0.728 ± 0.472	0.724	*	1.42 ± 0.585	0.437	*	57.7 ± 169	300	U *
OF011	2/6/2024	1/Discharge	2.37 ± 1.523	NM	U *	0.0397 ± 0.333	0.6	U *	0.119 ± 0.216	0.349	U *	41.4 ± 174	310	U *
OF011	2/21/2024	1/Discharge	0.556 ± 0.38	NM	U *	0.126 ± 0.185	0.31	U *	0.0502 ± 0.09916	0.182	U *	311 ± 245	385	U *
OF011	3/12/2024	1/Discharge	0.57 ± 0.36	NM	U *	0.254 ± 0.205	0.32	U *	0.150 ± 0.123	0.141	*	-114 ± 172	335	U *
OF011	3/31/2024	1/Discharge	0.157 ± 0.36	NM	*	0.119 ± 0.177	0.298	U *	0.202 ± 0.15	0.15	*	22.5 ± 164	297	U *
OF018	1/4/2024	1/Discharge	0.762 ± 0.367	NM	*	0.107 ± 0.183	0.31	U *	0.0419 ± 0.06685	0.105	U *	145 ± 176	290	U *
OF018	2/4/2024	1/Discharge	0.721 ± 0.41	NM	U *	-0.105 ± 0.181	0.342	U *	0.0401 ± 0.107	0.208	U *	79.3 ± 179	312	U *
OF018	2/20/2024	1/Discharge	0.144 ± 0.127	NM	U *	0.129 ± 0.182	0.305	U *	0.113 ± 0.122	0.164	U *	-6.31 ± 171	310	U *
OF018	2/28/2024	1/Discharge	0.808 ± 0.533	NM	*	-0.117 ± 0.204	0.397	U *	0.773 ± 0.274	0.142	*	60.8 ± 151	265	U *
OF018	3/7/2024	1/Discharge	0.564 ± 0.291	NM	U *	0.160 ± 0.392	0.669	U *	1.24 ± 0.351	0.149	*	58.6 ± 163	284	U *
OF018	3/26/2024	1/Discharge	0.463 ± 0.327	NM	U *	0.158 ± 0.232	0.39	U *	2.43 ± 0.518	0.161	*	76.1 ± 173	294	U *
OF018	3/31/2024	1/Discharge	0.705 ± 0.418	NM	U *	0.0887 ± 0.217	0.375	U *	1.30 ± 0.387	0.182	*	-44.1 ± 155	295	U *
SWTS 011 (INF-001)	2/5/2024	1/Discharge	1.49 ± 0.918	NM	U *	0.160 ± 0.272	0.46	U *	0.223 ± 0.264	0.353	U *	-7.66 ± 168	309	U *
SWTS 011 (INF-001)	2/19/2024	1/Discharge	0.294 ± 0.644	NM	*	0.342 ± 0.317	0.512	U *	0.463 ± 0.385	0.446	*	-7.66 ± 172	313	U *
SWTS 011 (INF-001)	3/10/2024	1/Discharge	1.04 ± 0.594	NM	U *	0.400 ± 0.389	0.626	U *	0.538 ± 0.343	0.346	*	-43.2 ± 177	327	U *
SWTS 011 (INF-001)	3/29/2024	1/Discharge	0.961 ± 0.564	NM	*	0.329 ± 0.26	0.406	U *	1.04 ± 0.345	0.174	*	-57.7 ± 159	296	U *
SWTS 018 (INF-002)	1/2/2024	1/Discharge	1.04 ± 0.552	NM	*	0.231 ± 0.27	0.444	U *	0.330 ± 0.274	0.308	*	206 ± 135	208	U *
SWTS 018 (INF-002)	2/2/2024	1/Discharge	2.03 ± 1.118	NM	*	0.0962 ± 0.235	0.407	U *	0.492 ± 0.381	0.472	*	-54.1 ± 162	309	U *
SWTS 018 (INF-002)	2/18/2024	1/Discharge	0.72 ± 0.421	NM	U *	0.672 ± 0.326	0.464	*	0.169 ± 0.144	0.143	*	-47.7 ± 165	308	U *
SWTS 018 (INF-002)	2/27/2024	1/Discharge	1.21 ± 0.64	NM	*	-0.0213 ± 0.233	0.422	U *	1.58 ± 0.561	0.295	*	31.5 ± 223	392	U *
SWTS 018 (INF-002)	3/6/2024	1/Discharge	0.817 ± 0.553	NM	U *	-0.0316 ± 0.242	0.448	U *	1.99 ± 0.614	0.281	*	123 ± 165	271	U *
SWTS 018 (INF-002)	3/22/2024	1/Discharge	1.3 ± 0.623	NM	*	0.211 ± 0.257	0.425	U *	3.42 ± 0.798	0.244	*	-51.8 ± 176	329	U *
SWTS 018 (INF-002)	3/29/2024	1/Discharge	1.7 ± 0.702	NM	*	0.280 ± 0.275	0.443	U *	3.88 ± 0.674	0.167	*	-9.91 ± 165	299	U *

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 001					Outfall 001					Outfall 001				
							SAMPLE DATE	02/01/2024 09:00 - 02/02/2024 10:15					02/19/2024 09:25 - 02/20/2024 10:05					02/27/2024 07:00 - 02/28/2024 08:45				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		9.50E-07	5.10E-05	ND	U (B)	ND	9.80E-07	5.30E-05	ND	U (B)	ND	7.50E-07	5.00E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		2.20E-06	5.10E-05	ND	U (B)	ND	1.10E-06	5.30E-05	ND	U (B)	ND	1.10E-06	5.00E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		2.50E-06	5.10E-05	ND	U	ND	1.20E-06	5.30E-05	ND	U	ND	1.10E-06	5.00E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		3.30E-06	5.10E-05	ND	U	ND	1.40E-06	5.30E-05	ND	U (B)	ND	1.40E-06	5.00E-05	ND	U	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		2.30E-06	5.10E-05	ND	U	ND	1.10E-06	5.30E-05	ND	U	ND	9.10E-07	5.00E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.20E-06	5.10E-05	ND	U	ND	1.60E-06	5.30E-05	ND	U	ND	1.50E-06	5.00E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		2.10E-06	5.10E-05	ND	U	ND	1.00E-06	5.30E-05	ND	U	ND	8.60E-07	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.00E-06	5.10E-05	ND	U	ND	1.40E-06	5.30E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		2.00E-06	5.10E-05	0.0000035	J (DNQ)	ND	1.00E-06	5.30E-05	ND	U (B)	ND	8.30E-07	5.00E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.80E-06	5.10E-05	ND	U	ND	9.60E-07	5.30E-05	ND	U	ND	8.30E-07	5.00E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		4.50E-06	5.10E-05	ND	U	ND	2.50E-06	5.30E-05	ND	U	ND	2.00E-06	5.00E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		2.00E-06	5.10E-05	ND	U	ND	9.10E-07	5.30E-05	ND	U	ND	8.00E-07	5.00E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.90E-06	5.10E-05	ND	U	ND	1.10E-06	5.30E-05	ND	U	ND	8.90E-07	5.00E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		1.30E-06	1.00E-05	ND	U	ND	6.60E-07	1.10E-05	ND	U	ND	8.10E-07	9.90E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		5.70E-07	1.00E-05	ND	U	ND	3.70E-07	1.10E-05	ND	U	ND	3.50E-07	9.90E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		3.00E-06	0.0001	0.00029	--	2.9E-10	1.80E-06	0.00011	0.00032	--	3.2E-10	1.80E-06	9.90E-05	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		2.10E-06	0.0001	ND	U (B)	ND	1.20E-06	0.00011	ND	U (B)	ND	1.00E-06	9.90E-05	ND	U (B)	ND
							TCDD TEQ w/out DNQ Values					2.9E-10	TCDD TEQ w/out DNQ Values				3.2E-10	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ w/out DNQ Values in lbs/day					6.4E-14	TCDD TEQ w/out DNQ Values in lbs/day				2.7E-12	TCDD TEQ w/out DNQ Values in lbs/day				ND
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 001					Outfall 001					Outfall 001				
							SAMPLE DATE	03/07/2024 06:40 - 03/07/2024 09:15					03/23/2024 08:05 - 03/24/2024 08:00					03/30/2024 07:10 - 03/31/2024 08:40				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		5.40E-07	4.90E-05	0.0000085	J (DNQ*)	ND	4.20E-07	5.00E-05	0.0000039	J (DNQ*)	ND	8.90E-07	5.00E-05	0.000029	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		1.90E-06	4.90E-05	0.0000061	J (DNQ*)	ND	6.30E-07	5.00E-05	0.0000023	J (DNQ*)	ND	1.10E-06	5.00E-05	0.000014	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		2.10E-06	4.90E-05	ND	U *	ND	7.00E-07	5.00E-05	ND	U *	ND	1.20E-06	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		2.90E-06	4.90E-05	ND	U *	ND	7.80E-07	5.00E-05	0.0000021	J (DNQ*)	ND	1.50E-06	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		1.40E-06	4.90E-05	ND	U *	ND	4.80E-07	5.00E-05	0.0000011	J (DNQ*)	ND	1.30E-06	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.10E-06	4.90E-05	ND	U *	ND	8.80E-07	5.00E-05	0.000001	J (DNQ*)	ND	1.50E-06	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		1.40E-06	4.90E-05	ND	U *	ND	4.60E-07	5.00E-05	9.4E-07	J (DNQ*)	ND	8.80E-07	5.00E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		2.80E-06	4.90E-05	ND	U *	ND	7.90E-07	5.00E-05	0.0000013	J (DNQ*)	ND	1.40E-06	5.00E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		1.40E-06	4.90E-05	ND	U *	ND	4.60E-07	5.00E-05	0.0000018	J (DNQ*)	ND	1.00E-06	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.70E-06	4.90E-05	ND	U *	ND	5.60E-07	5.00E-05	0.0000007	J (DNQ*)	ND	9.40E-07	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		3.80E-06	4.90E-05	ND	U *	ND	1.40E-06	5.00E-05	ND	U *	ND	2.20E-06	5.00E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		1.40E-06	4.90E-05	ND	U *	ND	4.50E-07	5.00E-05	0.000001	J (DNQ*)	ND	9.60E-07	5.00E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.70E-06	4.90E-05	ND	U *	ND	6.20E-07	5.00E-05	ND	U *	ND	1.00E-06	5.00E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		8.90E-07	9.90E-06	ND	U *	ND	6.70E-07	1.00E-05	ND	U *	ND	9.90E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		4.90E-07	9.90E-06	ND	U *	ND	2.60E-07	1.00E-05	ND	U *	ND	2.40E-07	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		2.50E-06	9.90E-05	0.00007	J (DNQ*)	ND	9.20E-07	0.0001	0.000022	J (DNQ*)	ND	1.70E-06	0.0001	0.00027	*	2.7E-10
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.30E-06	9.90E-05	0.0000083	J (DNQ*)	ND	7.00E-07	0.0001	0.0000034	J (DNQ*)	ND	1.40E-06	0.0001	0.000023	J (DNQ*)	ND
								TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				2.7E-10
								TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				1.6E-12
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 002 and Bell Canyon Receiving Water (RSW-001, Outfall 002)					Outfall 002					Outfall 002				
							SAMPLE DATE	01/03/2024 07:30 - 01/04/2024 08:00					01/20/2024 10:00 - 01/21/2024 09:15					02/01/2024 07:35 - 02/02/2024 08:00				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		2.50E-07	5.10E-05	ND	U (B)	ND	2.50E-07	4.90E-05	ND	U (B)	ND	4.20E-06	5.00E-05	0.00015	--	0.000000075
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		2.90E-07	5.10E-05	ND	U (B)	ND	9.40E-07	4.90E-05	ND	U	ND	6.50E-06	5.00E-05	0.000099	--	9.9E-09
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		3.00E-07	5.10E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U	ND	7.20E-06	5.00E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		2.20E-07	5.10E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U (B)	ND	2.90E-06	5.00E-05	ND	UJ (*10)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		2.40E-07	5.10E-05	ND	U	ND	6.80E-07	4.90E-05	ND	U	ND	4.40E-06	5.00E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		2.20E-07	5.10E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U	ND	2.90E-06	5.00E-05	0.0000056	J (DNQ)	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		2.30E-07	5.10E-05	ND	U	ND	6.50E-07	4.90E-05	ND	U	ND	4.20E-06	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		2.10E-07	5.10E-05	ND	U	ND	1.20E-06	4.90E-05	ND	U	ND	2.80E-06	5.00E-05	0.0000051	J (DNQ)	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		2.00E-07	5.10E-05	ND	U (B)	ND	5.80E-07	4.90E-05	ND	U	ND	3.90E-06	5.00E-05	ND	U	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		2.20E-07	5.10E-05	ND	U	ND	9.90E-07	4.90E-05	ND	U	ND	1.60E-06	5.00E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		3.40E-07	5.10E-05	ND	U	ND	1.60E-06	4.90E-05	ND	U	ND	2.10E-06	5.00E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		2.00E-07	5.10E-05	ND	U	ND	5.70E-07	4.90E-05	ND	U	ND	3.90E-06	5.00E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		2.40E-07	5.10E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U	ND	1.80E-06	5.00E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		4.60E-07	1.00E-05	ND	U	ND	1.00E-06	9.80E-06	ND	U	ND	1.20E-06	1.00E-05	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.10E-07	1.00E-05	ND	U	ND	2.20E-07	9.80E-06	ND	U	ND	5.60E-07	1.00E-05	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		9.60E-07	0.0001	ND	U (B)	ND	1.60E-06	9.80E-05	ND	U (B)	ND	4.90E-06	0.0001	0.0015	--	1.5E-09
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		5.70E-07	0.0001	ND	U (B)	ND	1.10E-06	9.80E-05	ND	U	ND	3.20E-06	0.0001	0.00019	--	3.8E-10
							TCDD TEQ w/out DNQ Values					ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				8.7E-08
							TCDD TEQ w/out DNQ Values in lbs/day					ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				2.7E-10
							TCDD TEQ Limit[(n)]					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 002					Outfall 002					Outfall 002				
							SAMPLE DATE	02/19/2024 07:05 - 02/20/2024 08:00					02/27/2024 08:45 - 02/28/2024 10:20					03/07/2024 07:35 - 03/08/2024 07:45				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		7.70E-07	5.00E-05	ND	U (B)	ND	6.60E-07	5.00E-05	ND	U (B)	ND	2.20E-07	5.00E-05	0.0000021	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		9.60E-07	5.00E-05	ND	U (B)	ND	9.30E-07	5.00E-05	ND	U	ND	5.80E-07	5.00E-05	ND	U *	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		1.00E-06	5.00E-05	ND	U	ND	9.20E-07	5.00E-05	ND	U	ND	5.60E-07	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.30E-06	5.00E-05	ND	U (B)	ND	1.30E-06	5.00E-05	ND	U (B)	ND	6.80E-07	5.00E-05	0.0000017	J (DNQ*)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		7.10E-07	5.00E-05	ND	U	ND	8.40E-07	5.00E-05	ND	U	ND	4.10E-07	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.30E-06	5.00E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U	ND	7.70E-07	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		6.70E-07	5.00E-05	ND	U	ND	8.00E-07	5.00E-05	ND	U	ND	4.10E-07	5.00E-05	7.2E-07	J (DNQ*)	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.30E-06	5.00E-05	ND	U	ND	1.20E-06	5.00E-05	ND	U	ND	6.90E-07	5.00E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		6.60E-07	5.00E-05	ND	U (B)	ND	7.20E-07	5.00E-05	ND	U	ND	3.60E-07	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		8.40E-07	5.00E-05	ND	U	ND	7.20E-07	5.00E-05	ND	U	ND	9.10E-07	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		2.10E-06	5.00E-05	ND	U	ND	1.90E-06	5.00E-05	ND	U	ND	8.60E-07	5.00E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		6.00E-07	5.00E-05	ND	U	ND	7.00E-07	5.00E-05	ND	U	ND	3.60E-07	5.00E-05	8.4E-07	J (DNQ*)	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		9.40E-07	5.00E-05	ND	U	ND	7.90E-07	5.00E-05	ND	U	ND	9.70E-07	5.00E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		6.00E-07	1.00E-05	ND	U	ND	8.00E-07	1.00E-05	ND	U	ND	1.50E-06	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		2.70E-07	1.00E-05	ND	U	ND	3.70E-07	1.00E-05	ND	U	ND	1.10E-06	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.60E-06	0.0001	0.00016	--	1.6E-10	1.40E-06	0.0001	ND	U (B)	ND	7.10E-07	0.0001	0.000018	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		9.00E-07	0.0001	ND	U (B)	ND	1.10E-06	0.0001	ND	U (B)	ND	5.30E-07	0.0001	0.0000031	J (DNQ*)	ND
							TCDD TEQ w/out DNQ Values					1.6E-10	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ w/out DNQ Values in lbs/day					1.5E-12	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 002					Outfall 002					Outfall 004				
							SAMPLE DATE	03/23/2024 07:05 - 03/24/2024 08:30					03/30/2024 07:30 - 03/31/2024 09:50					02/05/2024 06:15 - 02/06/2024 08:35				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		3.90E-07	5.10E-05	0.000002	J (DNQ*)	ND	4.70E-07	5.10E-05	ND	U (B)	ND	4.60E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		5.80E-07	5.10E-05	ND	U *	ND	7.20E-07	5.10E-05	ND	U (B)	ND	7.40E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		5.40E-07	5.10E-05	ND	U *	ND	6.80E-07	5.10E-05	ND	U	ND	7.40E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		8.20E-07	5.10E-05	ND	U *	ND	4.40E-07	5.10E-05	ND	UJ (*10)	ND	8.30E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		8.40E-07	5.10E-05	ND	U *	ND	5.10E-07	5.10E-05	ND	UJ (*10)	ND	4.90E-07	4.90E-05	ND	U (B)	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		9.60E-07	5.10E-05	ND	U *	ND	4.60E-07	5.10E-05	0.0000016	J (DNQ)	ND	8.40E-07	4.90E-05	ND	U (B)	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		7.40E-07	5.10E-05	ND	U *	ND	5.20E-07	5.10E-05	ND	U	ND	4.40E-07	4.90E-05	ND	U (B)	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		8.40E-07	5.10E-05	ND	U *	ND	4.30E-07	5.10E-05	ND	U	ND	8.10E-07	4.90E-05	ND	U (B)	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		7.90E-07	5.10E-05	0.0000017	J (DNQ*)	ND	4.40E-07	5.10E-05	ND	U	ND	3.90E-07	4.90E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.10E-06	5.10E-05	ND	U *	ND	6.10E-07	5.10E-05	ND	U	ND	9.00E-07	4.90E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		8.50E-07	5.10E-05	ND	U *	ND	1.60E-06	5.10E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U (B)	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		6.90E-07	5.10E-05	ND	U *	ND	4.20E-07	5.10E-05	ND	UJ (*10)	ND	3.90E-07	4.90E-05	ND	U (B)	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.20E-06	5.10E-05	ND	U *	ND	6.60E-07	5.10E-05	ND	U	ND	7.90E-07	4.90E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		1.40E-06	1.00E-05	ND	U *	ND	1.20E-06	1.00E-05	ND	U	ND	8.20E-07	9.90E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		1.30E-06	1.00E-05	ND	U *	ND	4.60E-07	1.00E-05	ND	U	ND	4.40E-07	9.90E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		7.80E-07	0.0001	0.0000088	J (DNQ*)	ND	9.40E-07	0.0001	0.00011	--	1.1E-10	8.50E-06	9.90E-05	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		7.50E-07	0.0001	0.0000025	J (DNQ*)	ND	6.20E-07	0.0001	0.000011	J (DNQ)	ND	6.90E-07	9.90E-05	ND	U (B)	ND
								TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				1.1E-10	TCDD TEQ w/out DNQ Values				ND
								TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				2.0E-12	TCDD TEQ w/out DNQ Values in lbs/day				ND
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 006					Outfall 008					Outfall 008				
							SAMPLE DATE	02/05/2024 06:40 - 02/06/2024 09:20					02/01/2024 08:25 - 02/02/2024 09:30					02/19/2024 09:00 - 02/20/2024 09:20				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		5.60E-07	5.00E-05	ND	U (B)	ND	8.50E-07	4.90E-05	ND	U (B)	ND	7.40E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		9.60E-07	5.00E-05	ND	U (B)	ND	2.30E-06	4.90E-05	ND	U (B)	ND	8.80E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		9.00E-07	5.00E-05	ND	U (B)	ND	2.50E-06	4.90E-05	ND	U (B)	ND	9.80E-07	4.90E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		9.90E-07	5.00E-05	ND	U (B)	ND	2.80E-06	4.90E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		5.70E-07	5.00E-05	ND	U (B)	ND	1.70E-06	4.90E-05	ND	U (B)	ND	7.60E-07	4.90E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		9.80E-07	5.00E-05	ND	U (B)	ND	3.00E-06	4.90E-05	ND	U (B)	ND	1.30E-06	4.90E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		5.30E-07	5.00E-05	ND	U (B)	ND	1.70E-06	4.90E-05	ND	U (B)	ND	7.30E-07	4.90E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		9.50E-07	5.00E-05	ND	U (B)	ND	2.80E-06	4.90E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		4.30E-07	5.00E-05	ND	U (B)	ND	1.60E-06	4.90E-05	ND	U (B)	ND	7.30E-07	4.90E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		4.80E-07	5.00E-05	ND	U	ND	3.20E-06	4.90E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		9.50E-07	5.00E-05	ND	U	ND	3.60E-06	4.90E-05	ND	U	ND	2.20E-06	4.90E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		4.30E-07	5.00E-05	ND	U (B)	ND	1.40E-06	4.90E-05	ND	U (B)	ND	6.50E-07	4.90E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		5.90E-07	5.00E-05	ND	U	ND	2.60E-06	4.90E-05	ND	U	ND	1.20E-06	4.90E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		7.80E-07	1.00E-05	ND	U	ND	2.10E-06	9.70E-06	ND	U	ND	6.00E-07	9.80E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		4.80E-07	1.00E-05	ND	U	ND	1.50E-06	9.70E-06	ND	U	ND	3.10E-07	9.80E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.00E-06	0.0001	ND	U (B)	ND	2.80E-06	9.70E-05	ND	U (B)	ND	1.60E-06	9.80E-05	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		6.90E-07	0.0001	ND	U (B)	ND	2.30E-06	9.70E-05	ND	U (B)	ND	9.50E-07	9.80E-05	ND	U (B)	ND
							TCDD TEQ w/out DNQ Values					ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ w/out DNQ Values in lbs/day					ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 008					Outfall 008					Outfall 008				
							SAMPLE DATE	02/27/2024 07:30 - 02/28/2024 09:30					03/07/2024 07:05 - 03/07/2024 10:00					03/23/2024 07:45 - 03/24/2024 07:35				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		6.40E-07	5.00E-05	ND	U (B)	ND	5.90E-07	4.90E-05	0.0000043	J (DNQ*)	ND	2.90E-07	5.10E-05	0.0000028	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		1.10E-06	5.00E-05	ND	U	ND	1.50E-06	4.90E-05	0.0000039	J (DNQ*)	ND	6.00E-07	5.10E-05	9.6E-07	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		1.20E-06	5.00E-05	ND	U	ND	1.70E-06	4.90E-05	ND	U *	ND	6.10E-07	5.10E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.60E-06	5.00E-05	ND	U	ND	2.70E-06	4.90E-05	ND	U *	ND	7.90E-07	5.10E-05	0.0000019	J (DNQ*)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		7.80E-07	5.00E-05	ND	U	ND	1.40E-06	4.90E-05	ND	U *	ND	3.90E-07	5.10E-05	9.3E-07	J (DNQ*)	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.70E-06	5.00E-05	ND	U	ND	2.90E-06	4.90E-05	ND	U *	ND	8.40E-07	5.10E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		7.90E-07	5.00E-05	ND	U	ND	1.40E-06	4.90E-05	ND	U *	ND	3.60E-07	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.60E-06	5.00E-05	ND	U	ND	2.70E-06	4.90E-05	ND	U *	ND	7.80E-07	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		7.40E-07	5.00E-05	ND	U (B)	ND	1.40E-06	4.90E-05	0.000002	J (DNQ*)	ND	3.70E-07	5.10E-05	0.0000016	J (DNQ*)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		7.50E-07	5.00E-05	ND	U	ND	1.60E-06	4.90E-05	ND	U *	ND	5.10E-07	5.10E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		1.70E-06	5.00E-05	ND	U	ND	3.20E-06	4.90E-05	ND	U *	ND	1.30E-06	5.10E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		7.30E-07	5.00E-05	ND	U	ND	1.40E-06	4.90E-05	ND	U *	ND	3.30E-07	5.10E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		2.50E-07	5.00E-05	ND	U	ND	1.60E-06	4.90E-05	ND	U *	ND	5.70E-07	5.10E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		4.60E-07	9.90E-06	ND	U	ND	8.60E-07	9.90E-06	ND	U *	ND	5.80E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		2.60E-07	9.90E-06	ND	U	ND	4.70E-07	9.90E-06	ND	U *	ND	8.70E-08	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.50E-06	9.90E-05	ND	U (B)	ND	2.20E-06	9.90E-05	0.000017	J (DNQ*)	ND	8.80E-07	0.0001	0.000009	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.10E-06	9.90E-05	ND	U	ND	1.60E-06	9.90E-05	0.0000067	J (DNQ*)	ND	6.10E-07	0.0001	0.0000011	J (DNQ*)	ND
								TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
								TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 008					Outfall 009					Outfall 009				
							SAMPLE DATE	03/30/2024 06:50 - 03/31/2024 08:10					01/22/2024 09:05 - 01/23/2024 10:00					02/01/2024 07:50 - 02/02/2024 08:35				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		2.10E-07	5.00E-05	ND	U (B)	ND	2.30E-06	5.10E-05	0.000046	J (DNQ)	ND	1.20E-06	5.00E-05	0.000079	--	3.95E-08
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		5.90E-07	5.00E-05	ND	U (B)	ND	2.00E-06	5.10E-05	ND	U (B)	ND	2.80E-06	5.00E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		6.50E-07	5.00E-05	ND	U (B)	ND	2.60E-06	5.10E-05	ND	U	ND	3.20E-06	5.00E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		7.40E-07	5.00E-05	ND	U (B)	ND	2.50E-06	5.10E-05	ND	U	ND	3.10E-06	5.00E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		3.80E-07	5.00E-05	ND	U (B)	ND	1.30E-06	5.10E-05	0.0000019	J (DNQ)	ND	2.20E-06	5.00E-05	ND	U (B)	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		8.20E-07	5.00E-05	ND	U (B)	ND	2.30E-06	5.10E-05	ND	U	ND	3.20E-06	5.00E-05	ND	U (B)	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		3.50E-07	5.00E-05	ND	U (B)	ND	1.20E-06	5.10E-05	ND	U	ND	1.90E-06	5.00E-05	ND	U (B)	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		7.40E-07	5.00E-05	ND	U	ND	2.30E-06	5.10E-05	ND	U	ND	5.90E-06	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		3.80E-07	5.00E-05	ND	U (B)	ND	1.20E-06	5.10E-05	ND	U	ND	2.00E-06	5.00E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		5.90E-07	5.00E-05	ND	U	ND	1.50E-06	5.10E-05	ND	U	ND	2.40E-06	5.00E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		1.10E-06	5.00E-05	ND	U	ND	1.80E-06	5.10E-05	ND	U	ND	3.30E-06	5.00E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		3.30E-07	5.00E-05	ND	U (B)	ND	1.10E-06	5.10E-05	ND	U	ND	1.90E-06	5.00E-05	ND	U (B)	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		6.30E-07	5.00E-05	ND	U	ND	1.70E-06	5.10E-05	ND	U	ND	1.70E-06	5.00E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		4.80E-07	1.00E-05	ND	U	ND	3.30E-06	1.00E-05	ND	U	ND	2.10E-06	9.90E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		1.00E-07	1.00E-05	ND	U	ND	2.80E-06	1.00E-05	ND	U	ND	1.30E-06	9.90E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.20E-06	0.0001	ND	U (B)	ND	3.30E-06	0.0001	0.00048	--	4.8E-10	3.50E-06	9.90E-05	0.0012	--	1.2E-09
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		6.80E-07	0.0001	ND	U (B)	ND	2.30E-06	0.0001	ND	UJ (*10)	ND	2.40E-06	9.90E-05	ND	U (B)	ND

TCDD TEQ w/out DNQ Values	ND	TCDD TEQ w/out DNQ Values	4.8E-10	TCDD TEQ w/out DNQ Values	4.1E-08
TCDD TEQ w/out DNQ Values in lbs/day	ND	TCDD TEQ w/out DNQ Values in lbs/day	2.7E-12	TCDD TEQ w/out DNQ Values in lbs/day	7.6E-10
TCDD TEQ Limit	2.8E-08	TCDD TEQ Limit	2.8E-08	TCDD TEQ Limit	2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 009					Outfall 009					Outfall 009				
							SAMPLE DATE	02/19/2024 07:45 - 02/20/2024 08:35					02/27/2024 07:55 - 02/28/2024 11:40					03/07/2024 07:55 - 03/08/2024 07:20				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		1.10E-06	5.00E-05	0.00006	--	0.00000003	4.00E-07	5.10E-05	ND	U (B)	ND	8.00E-07	4.90E-05	0.000077	*	3.85E-08
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		1.30E-06	5.00E-05	ND	U (B)	ND	7.50E-07	5.10E-05	ND	U	ND	8.90E-07	4.90E-05	0.00001	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		1.50E-06	5.00E-05	ND	U	ND	6.90E-07	5.10E-05	ND	U	ND	8.20E-07	4.90E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.40E-06	5.00E-05	ND	U (B)	ND	5.80E-07	5.10E-05	ND	UJ (*10)	ND	1.00E-06	4.90E-05	ND	U *	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		9.30E-07	5.00E-05	ND	U	ND	4.00E-07	5.10E-05	ND	U	ND	8.90E-07	4.90E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.50E-06	5.00E-05	ND	U (B)	ND	5.80E-07	5.10E-05	ND	U	ND	1.20E-06	4.90E-05	0.0000026	J (DNQ*)	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		9.20E-07	5.00E-05	ND	U	ND	3.70E-07	5.10E-05	ND	U	ND	8.50E-07	4.90E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.40E-06	5.00E-05	ND	U (B)	ND	5.50E-07	5.10E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		9.10E-07	5.00E-05	ND	U (B)	ND	3.20E-07	5.10E-05	ND	U (B)	ND	7.70E-07	4.90E-05	ND	U *	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.10E-06	5.00E-05	ND	U	ND	3.30E-07	5.10E-05	ND	U	ND	1.20E-06	4.90E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		2.70E-06	5.00E-05	ND	U	ND	8.90E-07	5.10E-05	ND	U	ND	1.20E-06	4.90E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		8.10E-07	5.00E-05	ND	U	ND	3.30E-07	5.10E-05	ND	U	ND	7.70E-07	4.90E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.10E-06	5.00E-05	ND	U	ND	3.70E-07	5.10E-05	ND	U	ND	1.30E-06	4.90E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		7.70E-07	9.90E-06	ND	U	ND	3.20E-07	1.00E-05	ND	U	ND	2.40E-06	9.90E-06	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.40E-07	9.90E-06	ND	U	ND	1.50E-07	1.00E-05	ND	U	ND	1.60E-06	9.90E-06	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		2.30E-06	9.90E-05	0.00083	--	8.3E-10	9.40E-07	0.0001	ND	U (B)	ND	1.80E-06	9.90E-05	0.0013	*	1.3E-09
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.20E-06	9.90E-05	ND	U (B)	ND	6.00E-07	0.0001	ND	U (B)	ND	1.30E-06	9.90E-05	0.00002	J (DNQ*)	ND

								TCDD TEQ w/out DNQ Values				3.1E-08	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				4.0E-08
								TCDD TEQ w/out DNQ Values in lbs/day				1.8E-10	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				2.5E-10
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 009					Outfall 009					Outfall 011				
							SAMPLE DATE	03/23/2024 08:30 - 03/24/2024 08:50					03/30/2024 07:55 - 03/31/2024 10:55					02/05/2024 07:45 - 02/06/2024 07:50				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		4.80E-07	5.00E-05	0.000012	J (DNQ*)	ND	9.40E-07	5.00E-05	0.00007	*	0.000000035	8.50E-07	4.90E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		8.20E-07	5.00E-05	0.0000035	J (DNQ*)	ND	9.10E-07	5.00E-05	0.000015	J (DNQ*)	ND	2.20E-06	4.90E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		8.60E-07	5.00E-05	ND	U *	ND	8.40E-07	5.00E-05	0.0000019	J (DNQ*)	ND	2.90E-06	4.90E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		9.00E-07	5.00E-05	0.0000021	J (DNQ*)	ND	8.90E-07	5.00E-05	0.0000025	J (DNQ*)	ND	3.50E-06	4.90E-05	ND	U	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		5.10E-07	5.00E-05	ND	U *	ND	9.10E-07	5.00E-05	0.0000013	J (DNQ*)	ND	1.80E-06	4.90E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		9.20E-07	5.00E-05	ND	U *	ND	9.90E-07	5.00E-05	0.0000026	J (DNQ*)	ND	3.50E-06	4.90E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		4.80E-07	5.00E-05	5.1E-07	J (DNQ*)	ND	9.50E-07	5.00E-05	0.0000018	J (DNQ*)	ND	1.80E-06	4.90E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		8.70E-07	5.00E-05	ND	U *	ND	9.00E-07	5.00E-05	0.0000043	J (DNQ*)	ND	3.40E-06	4.90E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		4.70E-07	5.00E-05	0.0000017	J (DNQ*)	ND	7.80E-07	5.00E-05	0.0000024	J (DNQ*)	ND	1.90E-06	4.90E-05	ND	U	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		6.00E-07	5.00E-05	ND	U *	ND	9.50E-07	5.00E-05	ND	U *	ND	1.50E-06	4.90E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		1.40E-06	5.00E-05	ND	U *	ND	2.30E-06	5.00E-05	0.0000045	J (DNQ*)	ND	3.60E-06	4.90E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		4.60E-07	5.00E-05	6.3E-07	J (DNQ*)	ND	7.30E-07	5.00E-05	0.0000018	J (DNQ*)	ND	1.70E-06	4.90E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		6.50E-07	5.00E-05	ND	U *	ND	1.00E-06	5.00E-05	ND	U *	ND	1.80E-06	4.90E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		7.00E-07	1.00E-05	ND	U *	ND	2.00E-06	1.00E-05	ND	U *	ND	7.40E-07	9.90E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		2.50E-07	1.00E-05	ND	U *	ND	4.60E-07	1.00E-05	ND	U *	ND	4.60E-07	9.90E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		9.50E-07	0.0001	0.00014	*	1.4E-10	1.50E-06	0.0001	0.00084	*	8.4E-10	2.70E-06	9.90E-05	0.0004	--	4E-10
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		7.50E-07	0.0001	0.0000094	J (DNQ*)	ND	1.20E-06	0.0001	0.000027	J (DNQ*)	ND	1.90E-06	9.90E-05	ND	U (B)	ND

							TCDD TEQ w/out DNQ Values	1.4E-10					TCDD TEQ w/out DNQ Values	3.6E-08				TCDD TEQ w/out DNQ Values	4.0E-10			
							TCDD TEQ w/out DNQ Values in lbs/day	9.2E-14					TCDD TEQ w/out DNQ Values in lbs/day	8.2E-10				TCDD TEQ w/out DNQ Values in lbs/day	5.4E-11			
							TCDD TEQ Limit	2.8E-08					TCDD TEQ Limit	2.8E-08				TCDD TEQ Limit	2.8E-08			

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 011					Outfall 011					Outfall 011				
							SAMPLE DATE	02/20/2024 06:50 - 02/21/2024 06:50					03/10/2024 17:40 - 03/12/2024 08:20					03/30/2024 08:50 - 03/31/2024 09:15				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		4.90E-07	5.00E-05	0.0000034	J (DNQ)	ND	5.70E-07	5.00E-05	0.0000022	J (DNQ*)	ND	2.30E-07	5.00E-05	0.000003	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		1.50E-06	5.00E-05	ND	U	ND	8.10E-07	5.00E-05	ND	U *	ND	5.70E-07	5.00E-05	0.0000013	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		1.70E-06	5.00E-05	ND	U	ND	9.00E-07	5.00E-05	ND	U *	ND	6.50E-07	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		2.40E-06	5.00E-05	ND	U	ND	1.20E-06	5.00E-05	0.000002	J (DNQ*)	ND	5.60E-07	5.00E-05	0.0000022	J (DNQ*)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		1.10E-06	5.00E-05	ND	U	ND	6.90E-07	5.00E-05	ND	U *	ND	3.20E-07	5.00E-05	5.9E-07	J (DNQ*)	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		2.60E-06	5.00E-05	ND	U	ND	1.30E-06	5.00E-05	ND	U *	ND	6.10E-07	5.00E-05	0.0000013	J (DNQ*)	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		1.20E-06	5.00E-05	ND	U	ND	6.80E-07	5.00E-05	ND	U *	ND	2.80E-07	5.00E-05	0.0000006	J (DNQ*)	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		2.40E-06	5.00E-05	ND	U	ND	1.20E-06	5.00E-05	ND	U *	ND	5.60E-07	5.00E-05	0.0000011	J (DNQ*)	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		1.10E-06	5.00E-05	ND	UJ (*10)	ND	6.10E-07	5.00E-05	ND	U *	ND	3.20E-07	5.00E-05	0.0000028	J (DNQ*)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.40E-06	5.00E-05	ND	U	ND	6.90E-07	5.00E-05	ND	U *	ND	5.10E-07	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		3.10E-06	5.00E-05	ND	U	ND	1.90E-06	5.00E-05	ND	U *	ND	1.00E-06	5.00E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		1.10E-06	5.00E-05	ND	U	ND	6.10E-07	5.00E-05	ND	U *	ND	2.70E-07	5.00E-05	5.6E-07	J (DNQ*)	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.60E-06	5.00E-05	ND	U	ND	7.40E-07	5.00E-05	ND	U *	ND	5.10E-07	5.00E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		7.10E-07	1.00E-05	ND	U	ND	5.60E-07	1.00E-05	ND	U *	ND	4.10E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.40E-07	1.00E-05	ND	U	ND	1.30E-07	1.00E-05	ND	U *	ND	7.20E-08	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		2.10E-06	0.0001	0.000017	J (DNQ)	ND	1.20E-06	0.0001	0.0000061	J (DNQ*)	ND	8.30E-07	0.0001	0.000015	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.20E-06	0.0001	0.0000053	J (DNQ)	ND	8.70E-07	0.0001	0.0000017	J (DNQ*)	ND	6.80E-07	0.0001	0.0000032	J (DNQ*)	ND
								TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
								TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 018					Outfall 018					Outfall 018				
							SAMPLE DATE	01/03/2024 07:00 - 01/04/2024 07:30					02/03/2024 06:40 - 02/04/2024 07:10					02/19/2024 07:25 - 02/20/2024 07:30				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		3.70E-07	5.10E-05	ND	U	ND	2.70E-07	5.10E-05	ND	U (B)	ND	2.50E-07	5.10E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		3.70E-07	5.10E-05	ND	U	ND	7.90E-07	5.10E-05	ND	U (B)	ND	3.50E-07	5.10E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		3.80E-07	5.10E-05	ND	U	ND	7.60E-07	5.10E-05	ND	U	ND	3.30E-07	5.10E-05	0.0000013	J (DNQ)	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		3.90E-07	5.10E-05	ND	U	ND	9.00E-07	5.10E-05	ND	U (B)	ND	6.20E-07	5.10E-05	ND	U (B)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		2.30E-07	5.10E-05	ND	U	ND	6.00E-07	5.10E-05	ND	U (B)	ND	4.70E-07	5.10E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		4.00E-07	5.10E-05	ND	U	ND	9.40E-07	5.10E-05	ND	U (B)	ND	6.70E-07	5.10E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		2.20E-07	5.10E-05	ND	U	ND	5.60E-07	5.10E-05	ND	U (B)	ND	4.30E-07	5.10E-05	0.00000076	J (DNQ)	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.70E-07	5.10E-05	ND	U	ND	1.40E-06	5.10E-05	ND	U	ND	6.10E-07	5.10E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		1.80E-07	5.10E-05	ND	U	ND	4.70E-07	5.10E-05	ND	U (B)	ND	2.90E-07	5.10E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		3.00E-07	5.10E-05	ND	U	ND	4.60E-07	5.10E-05	ND	U	ND	3.00E-07	5.10E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		3.60E-07	5.10E-05	ND	U	ND	1.00E-06	5.10E-05	ND	U	ND	4.70E-07	5.10E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		1.90E-07	5.10E-05	ND	U	ND	5.60E-07	5.10E-05	ND	U (B)	ND	3.20E-07	5.10E-05	ND	UJ (*10)	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		3.30E-07	5.10E-05	ND	U	ND	5.40E-07	5.10E-05	ND	U	ND	3.60E-07	5.10E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		4.60E-07	1.00E-05	ND	U	ND	4.60E-07	1.00E-05	ND	U	ND	7.30E-07	1.00E-05	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.50E-07	1.00E-05	ND	U	ND	1.70E-07	1.00E-05	ND	U	ND	3.80E-07	1.00E-05	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		6.30E-07	0.0001	ND	U (B)	ND	1.10E-06	0.0001	ND	U (B)	ND	5.80E-07	0.0001	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		4.30E-07	0.0001	ND	U (B)	ND	6.20E-07	0.0001	ND	U (B)	ND	4.90E-07	0.0001	ND	U (B)	ND
							TCDD TEQ w/out DNQ Values					ND					ND					ND
							TCDD TEQ w/out DNQ Values in lbs/day					ND					ND					ND
							TCDD TEQ Limit					2.8E-08					2.8E-08					2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 018					Outfall 018					Outfall 018				
							SAMPLE DATE	02/27/2024 09:05 - 02/28/2024 10:55					03/06/2024 12:15 - 03/07/2024 12:20					03/25/2024 12:10 - 03/26/2024 13:45				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		8.70E-07	5.00E-05	ND	U (B)	ND	3.40E-07	5.00E-05	ND	U (B)	ND	3.00E-07	5.10E-05	0.0000017	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		7.80E-07	5.00E-05	ND	U (B)	ND	5.70E-07	5.00E-05	ND	U	ND	5.60E-07	5.10E-05	ND	U *	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		8.40E-07	5.00E-05	ND	U	ND	5.20E-07	5.00E-05	0.0000018	J (DNQ)	ND	6.00E-07	5.10E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.40E-06	5.00E-05	ND	U (B)	ND	9.70E-07	5.00E-05	ND	U (B)	ND	7.50E-07	5.10E-05	0.0000019	J (DNQ*)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		8.60E-07	5.00E-05	ND	U	ND	8.40E-07	5.00E-05	ND	U	ND	3.00E-07	5.10E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.50E-06	5.00E-05	ND	U	ND	1.10E-06	5.00E-05	ND	UJ (*10)	ND	7.90E-07	5.10E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		7.90E-07	5.00E-05	ND	U	ND	8.40E-07	5.00E-05	ND	U	ND	2.80E-07	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.40E-06	5.00E-05	ND	U	ND	9.80E-07	5.00E-05	ND	UJ (*10)	ND	7.40E-07	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		7.80E-07	5.00E-05	ND	U (B)	ND	7.50E-07	5.00E-05	ND	U	ND	2.70E-07	5.10E-05	0.00000081	J (DNQ*)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		9.90E-07	5.00E-05	ND	U	ND	1.10E-06	5.00E-05	ND	U	ND	5.40E-07	5.10E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		2.50E-06	5.00E-05	ND	U	ND	1.10E-06	5.00E-05	ND	U	ND	1.20E-06	5.10E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		7.20E-07	5.00E-05	ND	U	ND	7.70E-07	5.00E-05	ND	U	ND	2.50E-07	5.10E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.10E-06	5.00E-05	ND	U	ND	1.20E-06	5.00E-05	ND	U	ND	6.10E-07	5.10E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		1.00E-06	1.00E-05	ND	U	ND	2.00E-06	1.00E-05	ND	U	ND	4.20E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.50E-07	1.00E-05	ND	U	ND	1.50E-06	1.00E-05	ND	U	ND	9.30E-08	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.50E-06	0.0001	ND	U (B)	ND	9.60E-07	0.0001	ND	U (B)	ND	7.80E-07	0.0001	0.0000092	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.10E-06	0.0001	ND	U	ND	6.50E-07	0.0001	ND	U (B)	ND	5.50E-07	0.0001	0.0000015	J (DNQ*)	ND
							TCDD TEQ w/out DNQ Values					ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ w/out DNQ Values in lbs/day					ND	TCDD TEQ w/out DNQ Values in lbs/day				ND	TCDD TEQ w/out DNQ Values in lbs/day				ND
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	Outfall 018					RSW-002					RSW-003				
							SAMPLE DATE	03/29/2024 14:45 - 03/31/2024 10:20					1/22/2024 10:25:00 AM					1/22/2024 11:05:00 AM				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		1.30E-07	5.00E-05	ND	U (B)	ND	6.40E-07	4.90E-05	ND	U (B)	ND	4.20E-07	5.00E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		5.40E-07	5.00E-05	ND	U (B)	ND	1.30E-06	4.90E-05	ND	U (B)	ND	1.00E-06	5.00E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		6.00E-07	5.00E-05	ND	U	ND	1.70E-06	4.90E-05	ND	U	ND	1.10E-06	5.00E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		4.30E-07	5.00E-05	ND	U (B)	ND	1.90E-06	4.90E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		2.20E-07	5.00E-05	ND	U (B)	ND	1.30E-06	4.90E-05	ND	U	ND	8.90E-07	5.00E-05	ND	U	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		4.90E-07	5.00E-05	ND	U (B)	ND	1.90E-06	4.90E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		2.00E-07	5.00E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U	ND	8.60E-07	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		4.40E-07	5.00E-05	ND	U	ND	1.90E-06	4.90E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		2.40E-07	5.00E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U	ND	8.00E-07	5.00E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		3.50E-07	5.00E-05	0.0000012	J (DNQ)	ND	1.50E-06	4.90E-05	ND	U	ND	9.20E-07	5.00E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		7.60E-07	5.00E-05	ND	U	ND	2.90E-06	4.90E-05	ND	U	ND	2.00E-06	5.00E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		2.00E-07	5.00E-05	ND	U	ND	1.10E-06	4.90E-05	ND	U	ND	7.70E-07	5.00E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		3.80E-07	5.00E-05	ND	U	ND	1.60E-06	4.90E-05	ND	U	ND	1.00E-06	5.00E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		3.50E-07	1.00E-05	ND	U	ND	1.50E-06	9.90E-06	ND	U	ND	1.20E-06	9.90E-06	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		7.00E-07	1.00E-05	ND	U	ND	3.40E-07	9.90E-06	ND	U	ND	2.50E-07	9.90E-06	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		7.10E-07	0.0001	ND	U (B)	ND	2.50E-06	9.90E-05	0.0002	--	2E-10	1.70E-06	9.90E-05	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		6.30E-07	0.0001	ND	U (B)	ND	1.90E-06	9.90E-05	ND	U (B)	ND	1.20E-06	9.90E-05	ND	U (B)	ND
							TCDD TEQ w/out DNQ Values					ND	TCDD TEQ w/out DNQ Values				2.0E-10	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ w/out DNQ Values in lbs/day					ND										
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	SWTS 011 (INF-001)					SWTS 011 (INF-001)					SWTS 011 (INF-001)				
							SAMPLE DATE	2/5/2024 7:40:00 AM					2/19/2024 8:30:00 AM					3/10/2024 7:35:00 AM				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		9.60E-07	5.00E-05	ND	U (B)	ND	1.10E-06	5.10E-05	0.000089	--	4.45E-08	4.40E-07	4.90E-05	0.000023	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		2.50E-06	5.00E-05	ND	U (B)	ND	1.50E-06	5.10E-05	0.000053	--	5.3E-09	7.20E-07	4.90E-05	0.0000073	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		3.20E-06	5.00E-05	ND	U	ND	1.50E-06	5.10E-05	ND	U (B)	ND	7.20E-07	4.90E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		3.30E-06	5.00E-05	ND	U	ND	1.60E-06	5.10E-05	ND	U (B)	ND	5.90E-07	4.90E-05	ND	U *	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		1.90E-06	5.00E-05	ND	U	ND	1.10E-06	5.10E-05	ND	U (B)	ND	5.10E-07	4.90E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.40E-06	5.00E-05	ND	U	ND	1.60E-06	5.10E-05	ND	U (B)	ND	6.20E-07	4.90E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		1.90E-06	5.00E-05	ND	U	ND	1.10E-06	5.10E-05	ND	U (B)	ND	4.70E-07	4.90E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		3.30E-06	5.00E-05	ND	U	ND	1.50E-06	5.10E-05	ND	U (B)	ND	5.70E-07	4.90E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		2.10E-06	5.00E-05	ND	U	ND	1.10E-06	5.10E-05	ND	U (B)	ND	4.60E-07	4.90E-05	ND	U *	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.50E-06	5.00E-05	ND	U	ND	1.10E-06	5.10E-05	ND	U	ND	5.20E-07	4.90E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		3.40E-06	5.00E-05	ND	U	ND	2.40E-06	5.10E-05	ND	U	ND	5.90E-07	4.90E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		1.70E-06	5.00E-05	ND	U	ND	9.90E-07	5.10E-05	ND	U (B)	ND	4.20E-07	4.90E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.70E-06	5.00E-05	ND	U	ND	1.10E-06	5.10E-05	ND	U	ND	5.70E-07	4.90E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		8.60E-07	1.00E-05	ND	U	ND	7.90E-07	1.00E-05	ND	U	ND	6.50E-07	9.90E-06	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		4.00E-07	1.00E-05	ND	U	ND	4.60E-07	1.00E-05	ND	U	ND	3.70E-07	9.90E-06	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		3.90E-06	0.0001	0.00042	--	4.2E-10	1.80E-06	0.0001	0.00084	--	8.4E-10	1.20E-06	9.90E-05	0.00022	*	2.2E-10
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		2.60E-06	0.0001	ND	U (B)	ND	1.10E-06	0.0001	ND	U (B)	ND	4.50E-07	9.90E-05	0.000011	J (DNQ*)	ND
							TCDD TEQ w/out DNQ Values					4.2E-10	TCDD TEQ w/out DNQ Values				5.1E-08	TCDD TEQ w/out DNQ Values				2.2E-10
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	SWTS 011 (INF-001)					SWTS 018 (INF-002)					SWTS 018 (INF-002)				
							SAMPLE DATE	3/29/2024 7:15:00 AM					1/2/2024 7:30:00 AM					2/2/2024 7:15:00 AM				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		5.40E-07	5.00E-05	0.000022	J (DNQ*)	ND	4.80E-07	4.80E-05	ND	U (B)	ND	9.20E-07	5.10E-05	ND	U (B)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		9.00E-07	5.00E-05	0.0000073	J (DNQ*)	ND	1.40E-06	4.80E-05	ND	U (B)	ND	2.70E-06	5.10E-05	ND	U (B)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		9.60E-07	5.00E-05	ND	U *	ND	1.50E-06	4.80E-05	ND	U	ND	2.00E-06	5.10E-05	ND	U	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.40E-06	5.00E-05	ND	U *	ND	1.50E-06	4.80E-05	ND	U (B)	ND	3.50E-06	5.10E-05	ND	U	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		8.50E-07	5.00E-05	ND	U *	ND	1.20E-06	4.80E-05	ND	U (B)	ND	1.80E-06	5.10E-05	ND	U (B)	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.50E-06	5.00E-05	ND	U *	ND	1.60E-06	4.80E-05	ND	U	ND	3.70E-06	5.10E-05	ND	U	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		8.00E-07	5.00E-05	ND	U *	ND	1.00E-06	4.80E-05	ND	U (B)	ND	2.20E-06	5.10E-05	ND	U	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.30E-06	5.00E-05	ND	U *	ND	1.50E-06	4.80E-05	ND	U (B)	ND	2.80E-06	5.10E-05	ND	U	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		7.30E-07	5.00E-05	0.0000014	J (DNQ*)	ND	1.10E-06	4.80E-05	ND	U	ND	1.70E-06	5.10E-05	ND	U (B)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		7.50E-07	5.00E-05	ND	U *	ND	9.00E-07	4.80E-05	ND	U	ND	1.70E-06	5.10E-05	ND	U	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		1.70E-06	5.00E-05	ND	U *	ND	1.40E-06	4.80E-05	ND	U	ND	3.00E-06	5.10E-05	ND	U	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		7.10E-07	5.00E-05	9.3E-07	J (DNQ*)	ND	9.80E-07	4.80E-05	ND	U	ND	1.30E-06	5.10E-05	ND	U	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		8.00E-07	5.00E-05	ND	U *	ND	1.10E-06	4.80E-05	ND	U	ND	2.00E-06	5.10E-05	ND	U	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		8.30E-07	1.00E-05	ND	U *	ND	8.60E-07	9.60E-06	ND	U	ND	1.80E-06	1.00E-05	ND	U	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		3.00E-07	1.00E-05	ND	U *	ND	1.60E-07	9.60E-06	ND	U	ND	1.30E-06	1.00E-05	ND	U	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.40E-06	0.0001	0.00016	*	1.6E-10	2.50E-06	9.60E-05	ND	U (B)	ND	3.40E-06	0.0001	ND	U (B)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		9.80E-07	0.0001	0.0000092	J (DNQ*)	ND	1.60E-06	9.60E-05	ND	U (B)	ND	2.50E-06	0.0001	ND	U (B)	ND
								TCDD TEQ w/out DNQ Values				1.6E-10	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
								TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	SWTS 018 (INF-002)					SWTS 018 (INF-002)					SWTS 018 (INF-002)				
							SAMPLE DATE	2/18/2024 7:10:00 AM					2/27/2024 9:30:00 AM					3/6/2024 6:10:00 AM				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS		LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L		7.70E-07	4.90E-05	ND	U (B)	ND	4.60E-07	4.90E-05	ND	U (B)	ND	4.40E-07	5.00E-05	0.0000067	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L		9.20E-07	4.90E-05	ND	U (B)	ND	9.20E-07	4.90E-05	ND	U (B)	ND	1.80E-06	5.00E-05	ND	U *	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L		1.00E-06	4.90E-05	ND	U (B)	ND	9.80E-07	4.90E-05	ND	U (B)	ND	1.90E-06	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L		1.40E-06	4.90E-05	ND	U (B)	ND	1.20E-06	4.90E-05	ND	U (B)	ND	2.60E-06	5.00E-05	ND	U *	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L		7.50E-07	4.90E-05	ND	U (B)	ND	1.10E-06	4.90E-05	ND	UJ (*10)	ND	1.30E-06	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.40E-06	4.90E-05	ND	U	ND	1.30E-06	4.90E-05	ND	U	ND	2.80E-06	5.00E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L		7.30E-07	4.90E-05	ND	U	ND	9.90E-07	4.90E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L		1.30E-06	4.90E-05	ND	U (B)	ND	1.20E-06	4.90E-05	0.0000023	J (DNQ)	ND	2.60E-06	5.00E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L		7.10E-07	4.90E-05	ND	U (B)	ND	9.80E-07	4.90E-05	ND	U (B)	ND	1.30E-06	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L		1.20E-06	4.90E-05	ND	U	ND	9.10E-07	4.90E-05	ND	U	ND	1.50E-06	5.00E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L		2.30E-06	4.90E-05	ND	U	ND	2.00E-06	4.90E-05	ND	U	ND	3.30E-06	5.00E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L		6.50E-07	4.90E-05	ND	U	ND	9.30E-07	4.90E-05	ND	U (B)	ND	1.30E-06	5.00E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L		1.30E-06	4.90E-05	ND	U	ND	9.90E-07	4.90E-05	ND	U	ND	1.40E-06	5.00E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L		7.50E-07	9.90E-06	ND	U	ND	8.40E-07	9.90E-06	ND	U	ND	7.70E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L		4.30E-07	9.90E-06	ND	U	ND	3.70E-07	9.90E-06	ND	U	ND	4.10E-07	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L		1.80E-06	9.90E-05	ND	U (B)	ND	1.50E-06	9.90E-05	ND	U (B)	ND	2.30E-06	0.0001	0.000052	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L		1.20E-06	9.90E-05	ND	U (B)	ND	1.20E-06	9.90E-05	ND	U (B)	ND	1.40E-06	0.0001	0.0000039	J (DNQ*)	ND
							TCDD TEQ w/out DNQ Values					ND	TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ Limit					2.8E-08	TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-6
TCDD TEQ
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

							LOCATION ID	SWTS 018 (INF-002)				SWTS 018 (INF-002)				
							SAMPLE DATE	3/22/2024 7:00:00 AM				3/29/2024 7:45:00 AM				
ANALYTE	ML	OUTFALL SAMPLE FREQUENCY	RECEIVING WATER SAMPLE FREQUENCY	1998 WHO TEF	BEF GREAT LAKES WATER QUALITY INITIATIVE	UNITS	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)	LAB MDL	LAB RL	LAB RESULT	LAB/ VALIDATION QUALIFIER	TCDD EQUIVALENT (w/out DNQ Values)
1,2,3,4,6,7,8-HpCDD	5.00E-05	1/Discharge	1/Year	0.01	0.05	µg/L	3.30E-07	5.00E-05	0.0000013	J (DNQ*)	ND	4.40E-07	5.10E-05	0.0000063	J (DNQ*)	ND
1,2,3,4,6,7,8-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.01	µg/L	8.40E-07	5.00E-05	ND	U *	ND	7.60E-07	5.10E-05	0.0000017	J (DNQ*)	ND
1,2,3,4,7,8,9-HpCDF	5.00E-05	1/Discharge	1/Year	0.01	0.4	µg/L	8.60E-07	5.00E-05	ND	U *	ND	8.00E-07	5.10E-05	ND	U *	ND
1,2,3,4,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.3	µg/L	4.60E-07	5.00E-05	0.0000013	J (DNQ*)	ND	1.10E-06	5.10E-05	0.0000017	J (DNQ*)	ND
1,2,3,4,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.08	µg/L	3.10E-07	5.00E-05	ND	U *	ND	6.30E-07	5.10E-05	ND	U *	ND
1,2,3,6,7,8-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L	4.80E-07	5.00E-05	ND	U *	ND	1.20E-06	5.10E-05	ND	U *	ND
1,2,3,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.2	µg/L	2.70E-07	5.00E-05	ND	U *	ND	6.10E-07	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDD	5.00E-05	1/Discharge	1/Year	0.1	0.1	µg/L	4.40E-07	5.00E-05	ND	U *	ND	1.10E-06	5.10E-05	ND	U *	ND
1,2,3,7,8,9-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.6	µg/L	2.90E-07	5.00E-05	ND	U *	ND	5.60E-07	5.10E-05	0.0000011	J (DNQ*)	ND
1,2,3,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.05	0.2	µg/L	5.70E-07	5.00E-05	ND	U *	ND	7.00E-07	5.10E-05	ND	U *	ND
1,2,3,7,8-PeCDD	5.00E-05	1/Discharge	1/Year	1	0.9	µg/L	6.10E-07	5.00E-05	ND	U *	ND	1.60E-06	5.10E-05	ND	U *	ND
2,3,4,6,7,8-HxCDF	5.00E-05	1/Discharge	1/Year	0.1	0.7	µg/L	2.80E-07	5.00E-05	ND	U *	ND	5.20E-07	5.10E-05	ND	U *	ND
2,3,4,7,8-PeCDF	5.00E-05	1/Discharge	1/Year	0.5	1.6	µg/L	6.30E-07	5.00E-05	ND	U *	ND	7.40E-07	5.10E-05	ND	U *	ND
2,3,7,8-TCDD	0.00001	1/Discharge	1/Year	1	1	µg/L	7.70E-07	1.00E-05	ND	U *	ND	7.40E-07	1.00E-05	ND	U *	ND
2,3,7,8-TCDF	0.00001	1/Discharge	1/Year	0.1	0.8	µg/L	4.80E-07	1.00E-05	ND	U *	ND	2.50E-07	1.00E-05	ND	U *	ND
OCDD	0.0001	1/Discharge	1/Year	0.0001	0.01	µg/L	6.60E-07	0.0001	0.0000073	J (DNQ*)	ND	1.20E-06	0.0001	0.000048	J (DNQ*)	ND
OCDF	0.0001	1/Discharge	1/Year	0.0001	0.02	µg/L	5.30E-07	0.0001	ND	U *	ND	8.40E-07	0.0001	0.0000044	J (DNQ*)	ND
							TCDD TEQ w/out DNQ Values				ND	TCDD TEQ w/out DNQ Values				ND
							TCDD TEQ Limit				2.8E-08	TCDD TEQ Limit				2.8E-08

TABLE C-7
PCBs
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	Outfall 001				Outfall 002				Outfall 011				Outfall 018			
				DATE RANGE	02/01/2024 09:00 - 02/02/2024 10:15				01/04/2024 08:00 - 01/04/2024 08:00				02/05/2024 07:45 - 02/06/2024 07:50				01/03/2024 07:00 - 01/04/2024 07:30			
ANALYTE	CAS NUMBER	SAMPLE TYPE	UNITS	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
(PCB 8) 2,4'-Dichlorobiphenyl	34883-43-7	Grab	pg/L	1/Year	ND	0.75	43	U	ND	2.1	41	U	ND	1.4	39	U	ND	0.63	39	U (B)
(PCB 18) 2,2',5-Trichlorobiphenyl	37680-65-2	Grab	pg/L	1/Year	2.5	0.67	43	J (DNQ*)	ND	0.97	41	U *	ND	0.77	39	U (B)	ND	0.51	39	U (B)
(PCB 28) 2,4,4'-Trichlorobiphenyl	7012-37-5	Grab	pg/L	1/Year	ND	0.91	85	U (B)	ND	1.5	82	U	ND	1.4	78	U (B)	ND	0.95	79	U (B)
(PCB 37) 3,4,4'-Trichlorobiphenyl	38444-90-5	Grab	pg/L	1/Year	ND	0.88	21	U	ND	1.4	20	U	ND	1.4	19	U	ND	0.9	20	U
(PCB 44) 2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	Grab	pg/L	1/Year	ND	0.81	130	U (B)	9.7	1.9	120	J (DNQ*)	ND	1.8	120	U (B)	ND	1	120	U (B)
(PCB 49) 2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	Grab	pg/L	1/Year	ND	0.76	43	U (B)	3.5	1.8	41	J (DNQ)	ND	1.7	39	U (B)	ND	0.95	39	U (B)
(PCB 52) 2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	Grab	pg/L	1/Year	ND	0.84	110	U (B)	ND	2	100	UJ (*10)	ND	1.9	97	U (B)	ND	1.1	99	U (B)
(PCB 66) 2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	Grab	pg/L	1/Year	4.7	1.3	43	J (DNQ)	ND	2.6	41	U	ND	2.2	39	U (B)	ND	1.3	39	U (B)
(PCB 70) 2,3',4',5-Tetrachlorobiphenyl	32598-11-1	Grab	pg/L	1/Year	ND	1.4	170	U (B)	7.1	2.7	160	J (DNQ)	ND	2.3	160	U (B)	ND	1.4	160	U (B)
(PCB 74) 2,4,4',5-Tetrachlorobiphenyl	32690-93-0	Grab	pg/L	1/Year	ND	1.4	170	U (B)	7.1	2.7	160	J (DNQ)	ND	2.3	160	U (B)	ND	1.4	160	U (B)
(PCB 77) 3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	Grab	pg/L	1/Year	ND	1.6	21	U	ND	3	20	U	ND	2.5	19	U	ND	1.6	20	U
(PCB 81) 3,4,4',5-Tetrachlorobiphenyl	70362-50-4	Grab	pg/L	1/Year	ND	1.7	21	U	ND	3.2	20	U	ND	2.7	19	U	ND	1.7	20	U
(PCB 87) 2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	Grab	pg/L	1/Year	ND	1	130	U (B)	ND	1.2	120	UJ (*10)	120	3.5	120	--	44	1.3	120	J (DNQ)
(PCB 99) 2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	Grab	pg/L	1/Year	ND	1.2	43	U (B)	8.1	1.4	41	J (DNQ*)	120	4.1	39	--	46	1.5	39	--
(PCB 101) 2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	Grab	pg/L	1/Year	ND	1.1	130	U (B)	15	1.3	120	J (DNQ*)	210	3.8	120	--	ND	1.4	120	U (B)
(PCB 105) 2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	Grab	pg/L	1/Year	13	0.85	43	J (DNQ)	4.7	0.97	41	J (DNQ*)	59	2.7	39	--	ND	1.1	39	U (B)
(PCB 110) 2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	Grab	pg/L	1/Year	43	0.91	43	*	ND	1.1	41	U (B)	360	3.1	39	--	96	1.1	39	--
(PCB 114) 2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	Grab	pg/L	1/Year	ND	1	43	U	ND	1.2	41	U	ND	3.4	39	U	ND	1.3	39	U
(PCB 118) 2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	Grab	pg/L	1/Year	ND	0.88	43	U (B)	ND	1	41	U (B)	140	3	39	--	62	1.1	39	--
(PCB 119) 2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	Grab	pg/L	1/Year	19	1	130	J (DNQ*)	ND	1.2	120	UJ (*10)	120	3.5	120	--	44	1.3	120	J (DNQ)
(PCB 123) 2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	Grab	pg/L	1/Year	ND	1	43	U	ND	1.3	41	U	5.1	3.5	39	J (DNQ)	ND	1.3	39	U
(PCB 126) 3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	Grab	pg/L	1/Year	ND	0.95	21	U	ND	1.1	20	U	ND	2.9	19	U	ND	1.2	20	U
(PCB 128) 2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	Grab	pg/L	1/Year	16	0.83	85	J (DNQ)	3.3	0.76	82	J (DNQ)	110	2.3	78	--	20	1.5	79	J (DNQ)
(PCB 138) 2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	Grab	pg/L	1/Year	95	0.86	64	--	ND	0.8	61	U (B)	600	2.4	58	--	120	1.6	59	--
(PCB 149) 2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	Grab	pg/L	1/Year	46	0.94	43	--	8.7	0.87	41	J (DNQ)	350	2.6	39	--	60	1.7	39	--
(PCB 151) 2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	Grab	pg/L	1/Year	15	0.93	43	J (DNQ)	ND	0.86	41	UJ (*10)	120	2.6	39	--	ND	1.7	39	U (B)
(PCB 153) 2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	Grab	pg/L	1/Year	64	0.73	43	--	ND	0.67	41	U (B)	340	2	39	--	82	1.3	39	--
(PCB 156) 2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	Grab	pg/L	1/Year	ND	0.49	43	U (B)	4.7	0.69	41	J (DNQ)	48	1	39	--	ND	0.44	39	U (B)
(PCB 157) 2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	Grab	pg/L	1/Year	ND	0.49	43	U (B)	4.7	0.69	41	J (DNQ)	48	1	39	--	ND	0.44	39	U (B)
(PCB 158) 2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	Grab	pg/L	1/Year	ND	0.67	21	U (B)	ND	0.61	20	UJ (*10)	48	1.8	19	--	9.7	1.2	20	J (DNQ)
(PCB 167) 2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	Grab	pg/L	1/Year	4.3	0.35	43	J (DNQ)	2	0.46	41	J (DNQ)	ND	0.59	39	U (B)	6.2	0.32	39	J (DNQ)
(PCB 168) 2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	Grab	pg/L	1/Year	64	0.73	43	--	ND	0.67	41	U (B)	340	2	39	--	82	1.3	39	--
(PCB 169) 3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	Grab	pg/L	1/Year	ND	0.37	21	U	ND	0.54	20	UJ (*10)	ND	0.67	19	U	ND	0.34	20	U
(PCB 170) 2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	Grab	pg/L	1/Year	29	1.2	43	J (DNQ)	ND	1.5	41	UJ (*10)	100	1.7	39	--	ND	0.77	39	U (B)
(PCB 177) 2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4	Grab	pg/L	1/Year	14	1.1	21	J (DNQ)	ND	1.3	20	U	45	1.5	19	--	ND	0.68	20	U (B)
(PCB 180) 2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	Grab	pg/L	1/Year	56	0.89	43	--	6.9	1.1	41	J (DNQ)	150	1.3	39	--	ND	0.57	39	U (B)
(PCB 183) 2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	Grab	pg/L	1/Year	ND	0.81	21	U (B)	ND	1	20	U *	29	1.2	19	--	ND	0.53	20	U (B)
(PCB 187) 2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	Grab	pg/L	1/Year	24	0.34	21	--	2.6	0.72	20	J (DNQ)	66	0.39	19	--	ND	0.31	20	U (B)
(PCB 189) 2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	Grab	pg/L	1/Year	ND	0.51	21	U	ND	1.2	20	U	3.5	0.87	19	J (DNQ)	ND	0.43	20	U
(PCB 194) 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	Grab	pg/L	1/Year	17	0.54	43	J (DNQ)	ND	0.81	41	U	24	1.5	39	J (DNQ)	ND	0.46	39	UJ (*10)
(PCB 195) 2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	Grab	pg/L	1/Year	5.7	0.56	21	J (DNQ)	ND	0.84	20	U	9	1.6	19	J (DNQ*)	ND	0.47	20	U (B)
(PCB 201) 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	Grab	pg/L	1/Year	ND	0.34	21	UJ (*10)	ND	0.69	20	U	3	0.8	19	J (DNQ)	0.93	0.36	20	J (DNQ)
(PCB 206) 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	Grab	pg/L	1/Year	ND	2.7	43	U	ND	8.3	41	U	16	7.2	39	J (DNQ)	ND	3	39	U
(PCB 209) Decachlorobiphenyl	2051-24-3	Grab	pg/L	1/Year	6.2	0.52	43	J (DNQ)	ND	0.6	41	UJ (*10)	12	1.4	39	J (DNQ)	3.2	0.58	39	J (DNQ)
Sum					392				0				3,523				548			

TABLE C-8
PFAS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	OF008				OF008				OF009			
				DATE RANGE	02/01/2024 08:25 - 02/02/2024 09:30				02/19/2024 09:00 - 02/20/2024 09:20				01/22/2024 09:05 - 01/23/2024 10:00			
ANALYTE	CAS NUMBER	SAMPLE TYPE	UNITS	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Perfluorobutanoic acid (PFBA)	375-22-4	Grab	ng/L	1st & 2nd discharge event/Year	12	2	4.1	--	7	2	4.2	--	ND	12	25	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	Grab	ng/L	1st & 2nd discharge event/Year	1.6	0.4	1.6	--	0.92	0.41	1.7	J (DNQ)	8.8	2.5	10	J (DNQ)
Perfluorohexanoic acid (PFHxA)	307-24-4	Grab	ng/L	1st & 2nd discharge event/Year	3.8	0.48	1.6	--	2.8	0.48	1.7	--	13	2.9	10	--
Perfluoroheptanoic acid (PFHpA)	375-85-9	Grab	ng/L	1st & 2nd discharge event/Year	3.4	0.21	1.6	--	2.2	0.21	1.7	--	11	1.3	10	--
Perfluorooctanoic acid (PFOA)	335-67-1	Grab	ng/L	1st & 2nd discharge event/Year	7.2	0.7	1.6	--	5.5	0.71	1.7	--	24	4.3	10	--
Perfluorononanoic acid (PFNA)	375-95-1	Grab	ng/L	1st & 2nd discharge event/Year	1.8	0.22	1.6	--	1	0.22	1.7	J (DNQ)	8.7	1.4	10	J (DNQ)
Perfluorodecanoic acid (PFDA)	335-76-2	Grab	ng/L	1st & 2nd discharge event/Year	1.2	0.26	1.6	J (DNQ)	0.56	0.26	1.7	J (DNQ)	6.9	1.6	10	J (DNQ)
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.91	1.6	U	ND	0.91	1.7	U	ND	5.5	10	U
Perfluorododecanoic acid (PFDoDA)	307-55-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.45	1.6	U	ND	0.46	1.7	U	ND	2.8	10	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	1.6	U	ND	1.1	1.7	U	ND	6.5	10	U
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.6	1.6	U	ND	0.61	1.7	U	ND	3.7	10	U
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.73	1.6	UJ (I)	ND	0.74	1.7	UJ (I)	ND	4.5	10	UJ (I)
Perfluorooctadecanoic acid (PFOcDA)	16517-11-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.78	1.7	UJ (*III,H)	ND	0.78	1.7	R (L,I)	ND	4.7	10	UJ (I)
Perfluorobutanesulfonic acid (PFBS)	375-73-5	Grab	ng/L	1st & 2nd discharge event/Year	1.6	0.16	1.6	--	1.8	0.17	1.7	--	1.2	1	10	J (DNQ)
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.25	1.6	U	ND	0.25	1.7	U	ND	1.5	10	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.47	1.6	U	0.69	0.47	1.7	J (DNQ)	ND	2.9	10	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.16	1.6	U	ND	0.16	1.7	U	ND	0.95	10	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	Grab	ng/L	1st & 2nd discharge event/Year	4	0.44	1.6	--	2.6	0.45	1.7	--	14	2.7	10	--
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.3	1.6	U	ND	0.31	1.7	U	ND	1.9	10	U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.26	1.6	U	ND	0.27	1.7	U	ND	1.6	10	U
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.8	1.6	U	ND	0.81	1.7	U	ND	4.9	10	U
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.6	U	ND	0.2	1.7	U	ND	1.2	10	U
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	2.1	4.1	U	ND	2.1	4.2	U	ND	13	25	U
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.38	1.6	U	ND	0.38	1.7	U	4.2	2.3	10	J (DNQ)
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.55	1.6	U	ND	0.56	1.7	U	ND	3.4	10	U
Perfluorooctane sulfonamide (PFOSA)	754-91-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.81	1.6	U	ND	0.81	1.7	U	ND	4.9	10	U
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	31506-32-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.35	1.6	U	ND	0.36	1.7	U	ND	2.2	10	U
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	4151-50-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.72	1.6	U	ND	0.72	1.7	U	ND	4.4	10	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	2355-31-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.99	4.1	U	ND	1	4.2	U	ND	6	25	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	4.1	U	ND	1.1	4.2	U	ND	6.5	25	U
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	24448-09-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.2	3.3	U	ND	1.2	3.3	U	ND	7	20	U
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	1691-99-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.7	1.6	U	ND	0.71	1.7	U	ND	4.3	10	U
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	13252-13-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.2	3.3	U	ND	1.2	3.3	U	ND	7.5	20	U
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.33	1.6	U	ND	0.33	1.7	U	ND	2	10	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.23	1.6	U	ND	0.23	1.7	U	ND	1.4	10	U
Perfluoro(4-methoxybutanoic) acid (PFMBA)	863090-89-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.21	1.6	U	ND	0.22	1.7	U	ND	1.3	10	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.51	1.6	U	ND	0.51	1.7	U	ND	3.1	10	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.6	U	ND	0.2	1.7	U	ND	1.2	10	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.26	1.6	U	ND	0.27	1.7	U	ND	1.6	10	U
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	113507-82-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.24	1.6	U	ND	0.24	1.7	U	ND	1.5	10	U
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	356-02-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.35	1.6	U	ND	0.36	1.7	U	ND	2.2	10	U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	914637-49-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.27	1.6	U	ND	0.27	1.7	U	ND	1.7	10	U
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	812-70-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.45	1.6	U	0.46	0.46	1.7	J (DNQ)	ND	2.8	10	U

TABLE C-8
PFAS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	OF009				SWTS 011 (INF-001)				SWTS 011 (INF-001)			
				DATE RANGE	02/01/2024 07:50 - 02/02/2024 08:35				2/5/2024 7:40:00 AM				2/19/2024 8:30:00 AM			
ANALYTE	CAS NUMBER	SAMPLE TYPE	UNITS	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Perfluorobutanoic acid (PFBA)	375-22-4	Grab	ng/L	1st & 2nd discharge event/Year	8	2	4.3	--	5.8	2.2	4.6	--	10	2.3	4.8	--
Perfluoropentanoic acid (PFPeA)	2706-90-3	Grab	ng/L	1st & 2nd discharge event/Year	6.4	0.42	1.7	--	1.2	0.45	1.9	J (DNQ)	7.9	0.47	1.9	--
Perfluorohexanoic acid (PFHxA)	307-24-4	Grab	ng/L	1st & 2nd discharge event/Year	5.2	0.49	1.7	--	2.9	0.54	1.9	--	6.1	0.56	1.9	--
Perfluoroheptanoic acid (PFHpA)	375-85-9	Grab	ng/L	1st & 2nd discharge event/Year	5.4	0.21	1.7	--	3	0.23	1.9	--	5.4	0.24	1.9	--
Perfluorooctanoic acid (PFOA)	335-67-1	Grab	ng/L	1st & 2nd discharge event/Year	8.3	0.72	1.7	--	8.7	0.79	1.9	--	17	0.81	1.9	--
Perfluorononanoic acid (PFNA)	375-95-1	Grab	ng/L	1st & 2nd discharge event/Year	3.4	0.23	1.7	--	1.4	0.25	1.9	J (DNQ)	3.4	0.26	1.9	--
Perfluorodecanoic acid (PFDA)	335-76-2	Grab	ng/L	1st & 2nd discharge event/Year	3	0.26	1.7	--	0.95	0.29	1.9	J (DNQ)	1.7	0.3	1.9	J (DNQ)
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.94	1.7	UJ (*III)	ND	1	1.9	UJ (*III)	ND	1.1	1.9	UJ (*III)
Perfluorododecanoic acid (PFDoDA)	307-55-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.47	1.7	UJ (*III)	ND	0.51	1.9	UJ (*III)	ND	0.53	1.9	UJ (*III)
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	1.7	UJ (*III,I)	ND	1.2	1.9	UJ (*III)	ND	1.2	1.9	UJ (*III,I)
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.62	1.7	UJ (*III,I)	ND	0.68	1.9	UJ (*III)	ND	0.7	1.9	UJ (*III,I)
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.76	1.7	UJ (*III,I)	ND	0.83	1.9	UJ (*III,I)	ND	0.85	1.9	UJ (*III,I)
Perfluorooctadecanoic acid (PFOcDA)	16517-11-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.79	1.7	UJ (*III,H,I)	ND	0.87	1.9	R (L,I)	ND	0.9	1.9	R (L,I)
Perfluorobutanesulfonic acid (PFBS)	375-73-5	Grab	ng/L	1st & 2nd discharge event/Year	0.95	0.17	1.7	J (DNQ)	1.4	0.19	1.9	J (DNQ)	ND	0.19	1.9	UJ (*III)
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.26	1.7	UJ (*III)	ND	0.28	1.9	UJ (*III)	ND	0.29	1.9	UJ (*III)
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.48	1.7	UJ (*III)	0.74	0.53	1.9	J (DNQ)	1.3	0.55	1.9	J (DNQ)
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.16	1.7	UJ (*III)	ND	0.18	1.9	UJ (*III)	ND	0.18	1.9	UJ (*III)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	Grab	ng/L	1st & 2nd discharge event/Year	3.6	0.46	1.7	--	3.8	0.5	1.9	--	14	0.52	1.9	--
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.31	1.7	UJ (*III)	ND	0.34	1.9	UJ (*III)	ND	0.35	1.9	UJ (*III)
Perfluorodecanesulfonic acid (PFDS)	335-77-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.27	1.7	UJ (*III)	ND	0.3	1.9	UJ (*III)	ND	0.31	1.9	UJ (*III)
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.83	1.7	UJ (*III)	ND	0.9	1.9	UJ (*III)	ND	0.93	1.9	UJ (*III)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.7	UJ (*III)	ND	0.22	1.9	UJ (*III)	ND	0.23	1.9	UJ (*III)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	2.1	4.3	UJ (*III)	ND	2.3	4.6	UJ (*III)	ND	2.4	4.8	UJ (*III)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.39	1.7	UJ (*III)	ND	0.43	1.9	UJ (*III)	ND	0.44	1.9	UJ (*III)
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.57	1.7	UJ (*III)	ND	0.62	1.9	UJ (*III)	ND	0.64	1.9	UJ (*III)
Perfluorooctane sulfonamide (PFOSA)	754-91-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.83	1.7	UJ (*III)	ND	0.91	1.9	UJ (*III)	ND	0.94	1.9	UJ (*III)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	31506-32-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.37	1.7	UJ (*III)	ND	0.4	1.9	UJ (*III)	ND	0.41	1.9	UJ (*III)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	4151-50-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.74	1.7	UJ (*III)	ND	0.81	1.9	UJ (*III)	ND	0.83	1.9	UJ (*III)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	2355-31-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	1	4.3	UJ (*III)	ND	1.1	4.6	UJ (*III)	ND	1.1	4.8	UJ (*III)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	4.3	UJ (*III)	ND	1.2	4.6	UJ (*III)	ND	1.2	4.8	UJ (*III)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	24448-09-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.2	3.4	UJ (*III)	ND	1.3	3.7	UJ (*III)	ND	1.3	3.8	UJ (*III)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	1691-99-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.72	1.7	UJ (*III,I)	ND	0.79	1.9	UJ (*III)	ND	0.81	1.9	UJ (*III)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	13252-13-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.3	3.4	UJ (*III)	ND	1.4	3.7	UJ (*III)	ND	1.4	3.8	UJ (*III)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.34	1.7	UJ (*III)	ND	0.37	1.9	UJ (*III)	ND	0.38	1.9	UJ (*III)
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.24	1.7	UJ (*III)	ND	0.26	1.9	UJ (*III)	ND	0.27	1.9	UJ (*III)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	863090-89-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.22	1.7	UJ (*III)	ND	0.24	1.9	UJ (*III)	ND	0.25	1.9	UJ (*III)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.53	1.7	UJ (*III)	ND	0.58	1.9	UJ (*III)	ND	0.59	1.9	UJ (*III)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.7	UJ (*III)	ND	0.22	1.9	UJ (*III)	ND	0.23	1.9	UJ (*III)
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.27	1.7	UJ (*III)	ND	0.3	1.9	UJ (*III)	ND	0.31	1.9	UJ (*III)
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	113507-82-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.25	1.7	UJ (*III)	ND	0.27	1.9	UJ (*III)	ND	0.28	1.9	UJ (*III)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	356-02-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.37	1.7	UJ (*III)	ND	0.4	1.9	UJ (*III)	ND	0.41	1.9	UJ (*III)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	914637-49-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.28	1.7	UJ (*III)	0.33	0.31	1.9	J- (I, DNQ)	ND	0.32	1.9	UJ (*III)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	812-70-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.47	1.7	UJ (*III)	ND	0.51	1.9	UJ (*III)	ND	0.53	1.9	UJ (*III)

TABLE C-8
PFAS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

				LOCATION	SWTS 018 (INF-002)				SWTS 018 (INF-002)			
				DATE RANGE	1/2/2024 7:30:00 AM				2/2/2024 7:15:00 AM			
ANALYTE	CAS NUMBER	SAMPLE TYPE	UNITS	SAMPLE FREQUENCY	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER	RESULT	MDL	RL	LAB/ VALIDATION QUALIFIER
Perfluorobutanoic acid (PFBA)	375-22-4	Grab	ng/L	1st & 2nd discharge event/Year	15	2	4.2	J+ (I)	14	2.1	4.4	--
Perfluoropentanoic acid (PFPeA)	2706-90-3	Grab	ng/L	1st & 2nd discharge event/Year	7.9	0.41	1.7	J+ (I)	6.7	0.43	1.8	--
Perfluorohexanoic acid (PFHxA)	307-24-4	Grab	ng/L	1st & 2nd discharge event/Year	9.2	0.49	1.7	--	8.3	0.51	1.8	--
Perfluoroheptanoic acid (PFHpA)	375-85-9	Grab	ng/L	1st & 2nd discharge event/Year	8	0.21	1.7	--	6.4	0.22	1.8	--
Perfluorooctanoic acid (PFOA)	335-67-1	Grab	ng/L	1st & 2nd discharge event/Year	14	0.72	1.7	--	13	0.75	1.8	--
Perfluorononanoic acid (PFNA)	375-95-1	Grab	ng/L	1st & 2nd discharge event/Year	2.4	0.23	1.7	--	2	0.24	1.8	--
Perfluorodecanoic acid (PFDA)	335-76-2	Grab	ng/L	1st & 2nd discharge event/Year	1.3	0.26	1.7	J (DNQ)	1.3	0.27	1.8	J (DNQ)
Perfluoroundecanoic acid (PFUnDA)	2058-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.93	1.7	UJ (*III)	ND	0.97	1.8	UJ (*III)
Perfluorododecanoic acid (PFDoDA)	307-55-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.46	1.7	UJ (*III)	ND	0.49	1.8	UJ (*III)
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	1.7	UJ (*III,I)	ND	1.2	1.8	UJ (*III)
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.62	1.7	UJ (*III,I)	ND	0.65	1.8	UJ (*III)
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.75	1.7	UJ (*III,I)	ND	0.79	1.8	UJ (*III)
Perfluorooctadecanoic acid (PFOcDA)	16517-11-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.79	1.7	UJ (*III,I)	ND	0.87	1.8	UJ (*III,H)
Perfluorobutanesulfonic acid (PFBS)	375-73-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.17	1.7	UJ (BI)	1.4	0.18	1.8	J (DNQ)
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	Grab	ng/L	1st & 2nd discharge event/Year	0.32	0.25	1.7	J (DNQ)	ND	0.27	1.8	UJ (*III)
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	Grab	ng/L	1st & 2nd discharge event/Year	0.73	0.48	1.7	J (DNQ)	0.67	0.5	1.8	J (DNQ)
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.16	1.7	UJ (*III)	ND	0.17	1.8	UJ (*III)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	Grab	ng/L	1st & 2nd discharge event/Year	5	0.46	1.7	--	4.7	0.48	1.8	--
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.31	1.7	UJ (*III)	ND	0.33	1.8	UJ (*III)
Perfluorodecanesulfonic acid (PFDS)	335-77-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.27	1.7	UJ (*III)	ND	0.28	1.8	UJ (*III)
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.82	1.7	UJ (*III)	ND	0.86	1.8	UJ (*III)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.7	UJ (*III)	ND	0.21	1.8	UJ (*III)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	2.1	4.2	UJ (*III)	ND	2.2	4.4	UJ (*III)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.39	1.7	UJ (*III)	ND	0.41	1.8	UJ (*III)
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.56	1.7	UJ (*III)	ND	0.59	1.8	UJ (*III)
Perfluorooctane sulfonamide (PFOSA)	754-91-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.83	1.7	UJ (*III)	ND	0.87	1.8	UJ (*III)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	31506-32-8	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.36	1.7	UJ (*III,I)	ND	0.38	1.8	UJ (*III)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	4151-50-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.73	1.7	UJ (*III,I)	ND	0.77	1.8	UJ (*III)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	2355-31-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	1	4.2	UJ (*III)	ND	1.1	4.4	UJ (*III)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.1	4.2	UJ (*III)	ND	1.2	4.4	UJ (*III)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	24448-09-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.2	3.4	UJ (*III,I)	ND	1.2	3.5	UJ (*III)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	1691-99-2	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.72	1.7	UJ (*III,I)	ND	0.75	1.8	UJ (*III)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	13252-13-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	1.3	3.4	UJ (*III)	ND	1.3	3.5	UJ (*III)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	919005-14-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.34	1.7	UJ (*III)	ND	0.35	1.8	UJ (*III)
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.24	1.7	UJ (*III,I)	ND	0.25	1.8	UJ (*III)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	863090-89-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.22	1.7	UJ (*III,I)	ND	0.23	1.8	UJ (*III)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.52	1.7	UJ (*III)	ND	0.55	1.8	UJ (*III)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.2	1.7	UJ (*III)	ND	0.21	1.8	UJ (*III)
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.27	1.7	UJ (*III)	ND	0.28	1.8	UJ (*III)
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	113507-82-7	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.24	1.7	UJ (*III)	ND	0.26	1.8	UJ (*III)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	356-02-5	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.36	1.7	UJ (*III,I)	ND	0.38	1.8	UJ (*III)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	914637-49-3	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.28	1.7	UJ (*III,I)	ND	0.29	1.8	UJ (*III)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	812-70-4	Grab	ng/L	1st & 2nd discharge event/Year	ND	0.46	1.7	UJ (*III,I)	ND	0.49	1.8	UJ (*III)

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1,2-Tetrachloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.089	0.5	U *
1,1,1-Trichloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.25	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.21	0.5	U *
1,1,2,2-Tetrachloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.2	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.5	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.5	2	U *
1,1,2-Trichloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.087	0.5	U *
1,1-Dichloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.39	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.054	0.5	U *
1,1-Dichloroethene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.33	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.24	0.5	U *
1,1-Dichloropropene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.32	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.25	0.5	U *
1,1-Dimethylhydrazine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.58	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.58	2	U *
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.3e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	8.8e-007	4.9e-005	U (B)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	8.5e-007	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.4e-007	4.9e-005	U (B)
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.5e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	9.8e-007	4.9e-005	U
1,2,3,4,7,8-Hexachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.7e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.6e-007	4.9e-005	U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.8e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.2e-006	4.9e-005	U (B)
1,2,3,6,7,8-Hexachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.7e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.3e-007	4.9e-005	U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.3e-006	4.9e-005	U
1,2,3,7,8,9-Hexachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.6e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.3e-007	4.9e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.8e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.2e-006	4.9e-005	U
1,2,3,7,8-Pentachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.2e-006	4.9e-005	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.1e-006	4.9e-005	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.6e-006	4.9e-005	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.2e-006	4.9e-005	U
1,2,3-Trichlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.52	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.16	1	U *
1,2,3-Trichloropropane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.62	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.28	1	U *
1,2,4-Trichlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.52	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.2	1	U *
1,2,4-Trimethylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.45	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.14	0.5	U *
1,2-Dibromo-3-chloropropane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.7	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.24	1	U *
1,2-Dibromoethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.53	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.058	0.5	U *
1,2-Dichlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.16	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.17	0.5	U *
1,2-Dichloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.055	0.5	U *
1,2-Dichloropropane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.065	0.5	U *
1,2-Diphenylhydrazine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.087	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.087	0.19	U *
1,3,5-Trimethylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.37	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.16	0.5	U *
1,3-Dichlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.16	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.5	U *
1,3-Dichloropropane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.38	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.5	U *
1,3-Dinitrobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.4	1	U *
1,4-Dichlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.19	U *
1,4-Dioxane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.55	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.55	1	U *
1-Methyl naphthalene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.1	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.19	U *
2,2-Dichloro-1,1,1-trifluoroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	5.9	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.9	10	U *
2,3,4,6,7,8-Hexachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.4e-006	4.9e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	6.5e-007	4.9e-005	U
2,3,4,7,8-Pentachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.6e-006	4.9e-005	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.2e-006	4.9e-005	U
2,3,7,8-TCDD	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.1e-006	9.7e-006	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	6e-007	9.8e-006	U
2,3,7,8-TCDD_TEQ_Bird	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0	0	U*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
2,3,7,8-TCDD_TEQ_Fish	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0	0	U*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
2,3,7,8-TCDD_TEQ_Mammal	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0	0	U*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
2,3,7,8-Tetrachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.5e-006	9.7e-006	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.1e-007	9.8e-006	U
2,4,5-T	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.21	0.49	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.2	0.48	U *
2,4,5-TP (Silvex)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.49	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.48	U *
2,4,5-Trichlorophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.3	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.3	4.8	U *
2,4,6-Trichlorophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.96	U *
2,4,6-Trinitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.8	3.7	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.8	3.7	U *
2,4-diamino-6-nitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1	2.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1	2.1	U *
2,4-Dichlorophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.96	U *
2,4-Dichlorophenoxyacetic Acid (2,4-D)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.9	4.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.9	4.8	U *
2,4-Dichlorophenoxybutyric acid	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.5	4.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.3	4.8	U *
2,4-Dimethylphenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.12	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.19	U *
2,4-Dinitrophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.1	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.1	4.8	U *
2,4-Dinitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.11	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.19	U *
2,4-DP (Dichlorprop)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.9	4.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.9	4.8	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
2,6-Dinitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.17	0.19	U *
2-Amino-4,6-dinitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.43	0.85	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.43	0.85	U *
2-Chloroethylvinyl ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.9	5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.54	2	U *
2-Chloronaphthalene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.14	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.14	0.19	U *
2-Chlorophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.092	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.092	0.19	U *
2-Hexanone	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.1	12	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.96	5	U *
2-Methylnaphthalene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.098	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.098	0.19	U *
2-n-Butoxyethanol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.1	4	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.1	4	U *
2-Nitrophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.4	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.4	4.8	U *
2-Nitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.43	0.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.43	0.9	U *
3,3'-Dichlorobenzidine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.9	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.9	4.8	U *
3,5-Dimethylphenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	11	23	U *	03/07/2024 07:05 - 03/07/2024 10:00	ND	6	12	U*
3-Nitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.38	0.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.38	0.8	U *
4,4'-DDD	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0044	0.0067	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0044	0.0067	U *
4,4'-DDE	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0019	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0019	0.0033	U *
4,4'-DDT	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0016	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0016	0.0033	U *
4,6-Dinitro-o-cresol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.4	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.4	4.8	U *
4-Amino-2,6-dinitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.92	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.92	2	U *
4-Bromophenyl phenyl ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.096	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.096	0.19	U *
4-Chlorophenylphenyl ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.16	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.16	0.19	U *
4-Nitrophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.2	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.3	4.8	U *
4-Nitrotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.44	0.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.44	0.9	U *
Acenaphthene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.094	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.095	0.19	U *
Acenaphthylene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.12	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.19	U *
Acetic Acid	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	630	4000	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	630	4000	U *
Acetone	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	7.1	16	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.4	20	U *
Acrolein	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.6	5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.73	5	U *
Acrylonitrile	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.4	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.36	2	U *
Aldrin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0031	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0031	0.0033	U *
alpha-BHC	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0012	0.0013	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0012	0.0013	U *
Aluminum, dissolved	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.21	0.0086	0.015	*	02/19/2024 09:00 - 02/20/2024 09:20	0.037	0.0086	0.015	*
Aluminum, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	1.2	0.0086	0.015	--	02/19/2024 09:00 - 02/20/2024 09:20	0.95	0.0086	0.015	*
Ammonia-N	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.057	0.029	0.075	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.029	0.075	U *
Anthracene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.081	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.081	0.19	U *
Antimony, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	4.3	0.36	2	*	02/19/2024 09:00 - 02/20/2024 09:20	1.3	0.36	2	J (DNQ*)
Antimony, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	2.7	0.36	2	*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.36	2	U *
Aroclor 1016	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.044	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.044	0.1	U *
Aroclor 1221	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.044	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.044	0.1	U *
Aroclor 1232	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.044	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.044	0.1	U *
Aroclor 1242	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.044	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.044	0.1	U *
Aroclor 1248	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.044	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.044	0.1	U *
Aroclor 1254	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.052	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.052	0.1	U *
Aroclor 1260	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.052	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.052	0.1	U *
Arsenic, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.1	0.16	1	*	02/19/2024 09:00 - 02/20/2024 09:20	0.81	0.16	1	J (DNQ*)
Arsenic, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.6	0.16	1	*	02/19/2024 09:00 - 02/20/2024 09:20	0.96	0.16	1	J (DNQ*)
Barium, dissolved	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.013	0.00017	0.001	*	02/19/2024 09:00 - 02/20/2024 09:20	0.016	0.00017	0.001	*
Barium, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.02	0.00017	0.001	*	02/19/2024 09:00 - 02/20/2024 09:20	0.024	0.00017	0.001	*
Benzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.28	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.057	0.5	U *
Benzidine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.6	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.6	4.8	U *
Benzo(a)anthracene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.12	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.19	U *
Benzo(a)pyrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.19	U *
Benzo(b)fluoranthene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.11	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.19	U *
Benzo(e)pyrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	3	10	U *
Benzo(ghi)perylene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.1	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.19	U *
Benzo(k)fluoranthene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.11	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.19	U *
Benzoic acid	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	5.8	9.6	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	5.8	9.6	U *
Benzyl alcohol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.89	0.31	0.96	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.31	0.96	U *
Beryllium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.44	0.26	0.5	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.26	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Beryllium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.26	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.26	0.5	U *
beta-BHC	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0039	0.005	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0039	0.005	U *
Biphenyl	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.4	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.4	10	U *
bis(2-Chloroethoxy)methane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.1	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.19	U *
bis(2-Chloroethyl) ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.4	1.9	U *
bis(2-Chloroisopropyl)ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.19	U *
bis(2-Ethylhexyl) phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.4	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.5	4.8	U *
Boron, dissolved	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.063	0.0035	0.5	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.07	0.0035	0.5	J (DNQ*)
Boron, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.063	0.0035	0.5	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.077	0.0035	0.5	J (DNQ*)
Bromide	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	41	100	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	41	100	U *
Bromobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.28	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.5	U *
Bromochloromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.55	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.094	0.5	U *
Bromodichloromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.19	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.084	0.5	U *
Bromoform	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.25	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.34	1	U *
Bromomethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.22	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.44	0.5	U *
Butyl benzyl phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.65	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.65	0.96	U *
Cadmium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	1	U *
Cadmium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	1	U *
Carbazole	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.51	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.51	1.9	U *
Carbon Disulfide	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.65	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.29	1	U *
Carbon Tetrachloride	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.28	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.23	0.5	U *
Chlordane (Technical)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.026	0.033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.026	0.033	U *
Chloride	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	3	0.36	1	*	02/19/2024 09:00 - 02/20/2024 09:20	3.5	0.36	1	*
Chlorine, total residual	Field measurement	02/01/2024 08:25 - 02/02/2024 09:30	0	NM	NM	*	02/19/2024 09:00 - 02/20/2024 09:20 [I]	0.03	NM	NM	*
Chlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.19	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.5	U *
Chloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.29	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.26	1	U *
Chloroform	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.19	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.23	0.5	U *
Chloromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.3	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.5	U *
Chromium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.51	0.14	2	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.38	0.14	2	J (DNQ*)
Chromium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	2.1	0.14	2	*	02/19/2024 09:00 - 02/20/2024 09:20	1.5	0.14	2	J (DNQ*)
Chrysene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.11	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.21	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.3	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.065	0.5	U *
Cobalt, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.29	0.14	1	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.2	0.14	1	J (DNQ*)
Cobalt, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.72	0.14	1	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.62	0.14	1	J (DNQ*)
Copper, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	2.3	0.32	2	*	02/19/2024 09:00 - 02/20/2024 09:20	2.1	0.32	2	*
Copper, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	3.1	0.32	2	*	02/19/2024 09:00 - 02/20/2024 09:20	2.7	0.32	2	*
Cumene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.42	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.075	0.5	U *
Cyanides	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.5	5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.5	5	U *
Dalapon	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.7	12	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.5	12	U *
delta-BHC	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.002	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.002	0.0033	U *
Dibenzo(a,h)anthracene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.19	U *
Dibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.094	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.094	0.19	U *
Dibromochloromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.065	0.5	U *
Dibromomethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.32	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.5	U *
Dicamba	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.28	0.49	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.27	0.48	U *
Dichlorodifluoromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.32	1	U *
Dieldrin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0013	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0013	0.0033	U *
Diethyl phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.17	1.9	U *
Diethylene Glycol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	26000	52000	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	26000	52000	U *
Dimethyl phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.094	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.094	1.9	U *
Di-n-butyl phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.8	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.8	1.9	U *
Di-n-octyl phthalate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.51	2.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.52	2.9	U *
Dinoseb	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.1	2.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.1	2.4	U *
Diphenyl ether	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.75	5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.75	5	U *
Endosulfan I	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0013	0.0013	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0013	0.0013	U *
Endosulfan II	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0041	0.0067	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0041	0.0067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0014	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0014	0.0033	U *
Endrin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0023	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0023	0.0033	U *
Endrin aldehyde	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.024	0.033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.024	0.033	U *
Endrin ketone	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0021	0.0033	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0021	0.0033	U *
Ethylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.25	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.045	0.5	U *
Fluoranthene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.097	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.097	0.19	U *
Fluorene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.091	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.091	0.19	U *
Fluoride	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.16	0.046	0.1	*	02/19/2024 09:00 - 02/20/2024 09:20	0.12	0.046	0.1	*
Formaldehyde	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	7.8	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.8	10	U *
gamma-BHC	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.00066	0.0013	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.00066	0.0013	U *
Heptachlor	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0012	0.0013	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0012	0.0013	U *
Heptachlor epoxide	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0039	0.0067	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0039	0.0067	U *
Hexachlorobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.19	U *
Hexachlorobutadiene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.015	0.019	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.29	0.5	U *
Hexachlorocyclopentadiene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.19	U *
Hexachloroethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.12	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.19	U *
Hexavalent Chromium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.051	0.2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.051	0.2	U *
HMX	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.7	1.6	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.7	1.6	U *
Hydrazine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.4	1	U *
Indeno(1,2,3-cd)pyrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.12	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.19	U *
Isophorone	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.095	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.095	0.19	U *
Isopropanol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	35	80	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	18	40	U *
Lead, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.25	0.12	1	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.2	0.12	1	J (DNQ*)
Lead, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.2	0.12	1	*	02/19/2024 09:00 - 02/20/2024 09:20	1.2	0.12	1	*
Lithium, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.026	0.05	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.026	0.05	U *
Manganese, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.8	0.41	1	*	02/19/2024 09:00 - 02/20/2024 09:20	1.3	0.41	1	*
Manganese, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	21	0.41	1	*	02/19/2024 09:00 - 02/20/2024 09:20	26	0.41	1	*
MCPA	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	340	490	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	330	480	U *
MCPP	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	300	490	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	290	480	U *
m-Cresol (reported as 3/4-Methylphenol)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.19	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.19	1.9	U *
Mercury, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.012	0.0002	0.0005	*	02/19/2024 09:00 - 02/20/2024 09:20	0.0091	0.0002	0.0005	*
Mercury, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.019	0.0002	0.0005	*	02/19/2024 09:00 - 02/20/2024 09:20	0.016	0.0002	0.0005	*
Methyl ethyl ketone	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	5.7	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.7	5	U *
Methyl isobutyl ketone (MIBK)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	3.3	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.69	5	U *
Methyl Mercury	ng/L	02/01/2024 08:25 - 02/02/2024 09:30	0.24	0.022	0.05	*	02/19/2024 09:00 - 02/20/2024 09:20	0.18	0.022	0.05	*
Methylene chloride	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.57	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.69	2	U *
Methyl-tert-butyl- Ether (MTBE)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.28	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.052	0.5	U *
Mirex	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.00079	0.0013	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.00079	0.0013	U *
Molybdenum, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	5.9	50	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	5.9	50	U *
Molybdenum, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	5.9	50	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	5.9	50	U *
Monomethylhydrazine	ug/l	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.62	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.62	2	U *
m-Xylene (reported as m/p-xylene)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.21	1	U *
m-Xylene & p-Xylene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.21	1	U *
Naphthalene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.33	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.19	1	U *
n-Butylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.48	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.27	1	U *
n-Hexane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	4.8	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.4	5	U *
Nickel, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.6	0.17	2	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	1.5	0.17	2	J (DNQ*)
Nickel, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.7	0.17	2	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	2.3	0.17	2	*
Nitrate	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	1.4	0.02	0.1	*	02/19/2024 09:00 - 02/20/2024 09:20	0.4	0.02	0.1	*
Nitrite-NO2	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.043	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.043	0.1	U *
Nitrobenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.14	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.14	0.19	U *
Nitroglycerin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	7.5	20	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	7.5	20	U *
n-Nitrosodimethylamine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.18	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.18	0.19	U *
n-Nitrosodi-n-propylamine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.14	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.14	0.19	U *
n-Nitrosodiphenylamine	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.1	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.19	U *
n-Propylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.35	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.07	0.5	U *
o + p Xylene (reported in xylenes)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.21	1	U *
o-Chlorotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.46	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.12	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
o-Cresol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.096	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.096	0.96	U *
Octachlorodibenzofuran	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.3e-006	9.7e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	9.5e-007	9.8e-005	U (B)
Octachlorodibenzo-p-dioxin	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.8e-006	9.7e-005	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	1.6e-006	9.8e-005	U (B)
Oil content	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.5	0.98	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.51	1	U *
Orthophosphate – PO4	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.6	0.18	0.31	*	02/19/2024 09:00 - 02/20/2024 09:20	0.36	0.18	0.31	*
o-Xylene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.15	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.088	0.5	U *
p,p'-Methoxychlor	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.0037	0.0067	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.0037	0.0067	U *
PCB_TEQ_Bird (Coplanar PCBs)	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.00021	NA	NA	*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
PCB_TEQ_Fish (Coplanar PCBs)	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.000105	NA	NA	*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
PCB_TEQ_Mammal (Coplanar PCBs)	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.00063	NA	NA	*	02/19/2024 09:00 - 02/20/2024 09:20	ND	0	0	U*
PCB-105	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	8.5	0.63	20	J (DNQ)	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.4	40	U
PCB-114	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.76	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	5	40	U
PCB-118	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	21	0.65	20	--	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.3	40	U
PCB-123	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.77	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.9	40	U
PCB-126	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.7	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	4.4	20	U
PCB-156	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.35	40	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.7	40	U
PCB-157	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.35	40	U (B)	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.7	40	U
PCB-167	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.24	20	UJ (*10)	02/19/2024 09:00 - 02/20/2024 09:20	ND	2	40	U
PCB-169	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.27	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.3	20	U
PCB-189	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.59	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	3.2	20	U
PCB-194	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	3.7	0.33	200	J (DNQ)	02/19/2024 09:00 - 02/20/2024 09:20	ND	5.4	40	U
PCB-77	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.2	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	9.7	20	U
PCB-81	pg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.3	20	U	02/19/2024 09:00 - 02/20/2024 09:20	ND	11	20	U
p-Chloro-m-cresol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.13	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.13	0.96	U *
p-Chlorotoluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.48	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.097	0.5	U *
p-Cresol (reported as 3/4-Methylphenol)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.19	1.9	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.19	1.9	U *
p-Cymene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.17	0.5	U *
Pentachlorophenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.81	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.81	0.96	U *
Perchlorate	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.91	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.91	2	U *
Perylene[(o)]	ug/L	2/2/2024 9:30	ND	1	1	U*	2/20/2024 9:20	ND	1	1	U*
PETN	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	10	23	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	10	23	U *
Phenanthrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.16	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.16	0.19	U *
Phenol	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.5	0.96	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.51	0.96	U *
Phosphorus, dissolved	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.17	0.01	0.25	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.083	0.01	0.25	J (DNQ*)
Phosphorus, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.22	0.01	0.25	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	0.11	0.01	0.25	J (DNQ*)
p-Nitroaniline	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2	4.8	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2	4.8	U *
Pyrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.083	0.19	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.083	0.19	U *
RDX	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.64	1.4	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.64	1.4	U *
sec-Butylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.39	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.092	0.5	U *
Selenium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.52	2	U *	02/19/2024 09:00 - 02/20/2024 09:20	0.53	0.52	2	J (DNQ*)
Selenium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.97	0.11	0.54	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.52	2	U *
Silica, dissolved	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	11	0.23	1	*	02/19/2024 09:00 - 02/20/2024 09:20	14	0.11	0.54	*
Silver, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.23	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.23	1	U *
Silver, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	1.8	10	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.23	1	U *
Strontium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	47	1.8	10	*	02/19/2024 09:00 - 02/20/2024 09:20	72	1.8	10	*
Strontium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	51	1.8	10	*	02/19/2024 09:00 - 02/20/2024 09:20	78	1.8	10	*
Styrene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.55	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.5	U *
Sulfate	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	2.6	0.18	1	*	02/19/2024 09:00 - 02/20/2024 09:20	2.9	0.18	1	*
tert-Butylbenzene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.41	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.2	0.5	U *
Tetrachloroethene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.21	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.099	0.5	U *
Tetryl	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.4	1.6	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.4	1.6	U *
Thallium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.11	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	1	U *
Thallium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	0.19	0.11	1	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	1	U *
Tin, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.02	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.02	0.1	U *
Titanium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	16	0.39	50	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	12	0.39	50	J (DNQ*)
Titanium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	41	0.39	50	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	48	0.39	50	J (DNQ*)
Toluene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.23	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.073	0.5	U *
Toxaphene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.054	0.067	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.054	0.067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 008					Outfall 008				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
TPH-Diesel Range Organics (DRO)	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	0.094	0.034	0.047	*	02/19/2024 09:00 - 02/20/2024 09:20	0.055	0.035	0.048	*
TPH-Gasoline Range Organics (GRO)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	29	50	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	29	50	U *
TPH-Kerosene Range Organics (KRO)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	61	34	47	*	02/19/2024 09:00 - 02/20/2024 09:20	45	35	48	J (DNQ*)
TPH-Oil Range Organics (ORO)	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	71	63	240	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	ND	64	240	U *
trans-1,2-Dichloroethene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.24	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.14	0.5	U *
trans-1,3-Dichloropropene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.18	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.11	0.5	U *
Trichloroethene	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.1	0.5	U *
Trichlorofluoromethane	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.29	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.2	0.5	U *
Triethylene glycol	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	27	56	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	27	56	U *
Vanadium, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	1.1	0.17	2	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	1	0.17	2	J (DNQ*)
Vanadium, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	4.2	0.17	2	*	02/19/2024 09:00 - 02/20/2024 09:20	3.7	0.17	2	*
Vinyl chloride	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.47	0.5	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.15	0.5	U *
Xylenes, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.17	1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.21	1	U *
Zinc, dissolved	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	2.8	20	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	2.8	20	U *
Zinc, Total	ug/L	02/01/2024 08:25 - 02/02/2024 09:30	7.2	2.8	20	J (DNQ*)	02/19/2024 09:00 - 02/20/2024 09:20	7.8	2.8	20	J (DNQ*)
Zirconium, Total	mg/L	02/01/2024 08:25 - 02/02/2024 09:30	ND	0.022	0.1	U *	02/19/2024 09:00 - 02/20/2024 09:20	ND	0.022	0.1	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009					Outfall 009				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1,2-Tetrachloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.2	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
1,1,1-Trichloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.25	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.2	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.2	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.25	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.33	2	U *
1,1,2-Trichloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
1,1-Dichloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.39	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.39	0.5	U *
1,1-Dichloroethene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.33	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.33	0.5	U *
1,1-Dichloropropene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.22	0.5	U *
1,1-Dimethylhydrazine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.58	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.58	1	U *
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2e-006	5.1e-005	U (B)	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.8e-006	5e-005	U (B)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.000046	2.3e-006	5.1e-005	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	0.000079	1.2e-006	5e-005	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.6e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.2e-006	5e-005	U (B)
1,2,3,4,7,8-Hexachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.0000019	1.3e-006	5.1e-005	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.2e-006	5e-005	U (B)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.5e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.1e-006	5e-005	U (B)
1,2,3,6,7,8-Hexachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.2e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.9e-006	5e-005	U (B)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.3e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.2e-006	5e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.2e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	2e-006	5e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.3e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	5.9e-006	5e-005	U
1,2,3,7,8-Pentachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.5e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.4e-006	5e-005	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.8e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.3e-006	5e-005	U
1,2,3-Trichlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.26	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	1	U *
1,2,3-Trichloropropane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.31	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.31	1	U *
1,2,4-Trichlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.26	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.29	1	U *
1,2,4-Trimethylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.22	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.28	0.5	U *
1,2-Dibromo-3-chloropropane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.84	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.51	1	U *
1,2-Dibromoethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.27	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
1,2-Dichlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.16	0.5	U *
1,2-Dichloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.5	U *
1,2-Dichloropropane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
1,2-Diphenylhydrazine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.087	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.088	0.19	U *
1,3,5-Trimethylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
1,3-Dichlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.16	0.5	U *
1,3-Dichloropropane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	0.05	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.21	0.5	U *
1,3-Dinitrobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.4	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.4	1	U *
1,4-Dichlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.19	U *
1,4-Dioxane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.55	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.55	1	U *
1-Methyl naphthalene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.1	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.1	0.19	U *
2,2-Dichloro-1,1,1-trifluoroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	5.9	10	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	5.9	10	U *
2,3,4,6,7,8-Hexachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.1e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.9e-006	5e-005	U (B)
2,3,4,7,8-Pentachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.7e-006	5.1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.7e-006	5e-005	U
2,3,7,8-TCDD	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.3e-006	1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.1e-006	9.9e-006	U
2,3,7,8-TCDD_TEQ_Bird	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0	0	U*	02/01/2024 07:50 - 02/02/2024 08:35	0.000000199	NA	NA	*
2,3,7,8-TCDD_TEQ_Fish	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0	0	U*	02/01/2024 07:50 - 02/02/2024 08:35	0.000000199	NA	NA	*
2,3,7,8-TCDD_TEQ_Mammal	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0	0	U*	02/01/2024 07:50 - 02/02/2024 08:35	0.00000091	NA	NA	*
2,3,7,8-Tetrachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.8e-006	1e-005	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.3e-006	9.9e-006	U
2,4,5-T	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.23	0.53	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.21	0.49	U *
2,4,5-TP (Silvex)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.53	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.49	U *
2,4,5-Trichlorophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.3	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.3	4.9	U *
2,4,6-Trichlorophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.97	U *
2,4,6-Trinitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.8	3.7	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.8	3.7	U *
2,4-diamino-6-nitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1	2.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1	2.1	U *
2,4-Dichlorophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.97	U *
2,4-Dichlorophenoxyacetic Acid (2,4-D)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.1	5.3	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.9	4.9	U *
2,4-Dichlorophenoxybutyric acid	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.7	5.3	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.5	4.9	U *
2,4-Dimethylphenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.12	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.12	0.19	U *
2,4-Dinitrophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	4.1	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	4.2	4.9	U *
2,4-Dinitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.11	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	0.19	U *
2,4-DP (Dichlorprop)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.1	5.3	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.9	4.9	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009					Outfall 009				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
2,6-Dinitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.19	U *
2-Amino-4,6-dinitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.43	0.85	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.43	0.85	U *
2-Chloroethylvinyl ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	19	500	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.1	2	U *
2-Chloronaphthalene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.14	0.19	U *
2-Chlorophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.092	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.093	0.19	U *
2-Hexanone	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2	6	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.2	5	U *
2-Methylnaphthalene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.098	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.099	0.19	U *
2-n-Butoxyethanol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.1	4	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.1	4	U *
2-Nitrophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.4	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.4	4.9	U *
2-Nitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.43	0.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.43	0.9	U *
3,3'-Dichlorobenzidine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.9	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.9	4.9	U *
3,5-Dimethylphenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	10	21	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	11	21	U *
3-Nitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.38	0.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.38	0.8	U *
4,4'-DDD	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0044	0.0067	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0044	0.0067	U *
4,4'-DDE	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0019	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0019	0.0033	U *
4,4'-DDT	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0016	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0016	0.0033	U *
4,6-Dinitro-o-cresol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	4.4	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	4.4	4.9	U *
4-Amino-2,6-dinitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.92	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.92	2	U *
4-Bromophenyl phenyl ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.096	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.097	0.19	U *
4-Chlorophenylphenyl ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.16	0.19	U *
4-Nitrophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.3	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.3	4.9	U *
4-Nitrotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.44	0.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.44	0.9	U *
Acenaphthene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.095	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.096	0.19	U *
Acenaphthylene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.12	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.19	U *
Acetic Acid	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	630	4000	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	630	4000	U *
Acetone	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.6	8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	16	20	U *
Acrolein	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	4.6	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	4.6	5	U *
Acrylonitrile	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.4	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.4	2	U *
Aldrin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0031	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0031	0.0033	U *
alpha-BHC	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0012	0.0013	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0012	0.0013	U *
Aluminum, dissolved	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	1.2	0.0086	0.015	--	02/01/2024 07:50 - 02/02/2024 08:35	0.49	0.0086	0.015	*
Aluminum, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	9.2	0.043	0.075	--	02/01/2024 07:50 - 02/02/2024 08:35	9	0.086	0.15	--
Ammonia-N	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.029	0.075	U *	02/01/2024 07:50 - 02/02/2024 08:35	0.046	0.029	0.075	J (DNQ*)
Anthracene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.081	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.082	0.19	U *
Antimony, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	5.7	0.36	2	*	02/01/2024 07:50 - 02/02/2024 08:35	3.5	0.36	2	*
Antimony, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	4.4	0.36	2	*	02/01/2024 07:50 - 02/02/2024 08:35	2.7	0.36	2	*
Aroclor 1016	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.044	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.044	0.1	U *
Aroclor 1221	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.044	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.044	0.1	U *
Aroclor 1232	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.044	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.044	0.1	U *
Aroclor 1242	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.044	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.044	0.1	U *
Aroclor 1248	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.044	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.044	0.1	U *
Aroclor 1254	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.052	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.052	0.1	U *
Aroclor 1260	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.052	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.052	0.1	U *
Arsenic, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	1.7	0.16	1	*	02/01/2024 07:50 - 02/02/2024 08:35	1.1	0.16	1	*
Arsenic, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	5	0.16	1	*	02/01/2024 07:50 - 02/02/2024 08:35	4.5	0.16	1	*
Barium, dissolved	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.015	0.00017	0.001	*	02/01/2024 07:50 - 02/02/2024 08:35	0.014	0.00017	0.001	*
Barium, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.12	0.00017	0.001	*	02/01/2024 07:50 - 02/02/2024 08:35	0.11	0.00017	0.001	*
Benzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.28	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.28	0.5	U *
Benzidine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.6	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.6	4.9	U *
Benzo(a)anthracene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.12	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.12	0.19	U *
Benzo(a)pyrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.19	U *
Benzo(b)fluoranthene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.11	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	0.19	U *
Benzo(e)pyrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3	10	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	3	10	U *
Benzo(ghi)perylene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.1	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.1	0.19	U *
Benzo(k)fluoranthene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.11	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	0.19	U *
Benzoic acid	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	5.8	9.6	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	5.9	9.7	U *
Benzyl alcohol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.31	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	1.1	0.31	0.97	*
Beryllium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.26	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.26	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009 First Sample					Outfall 009 Second Sample				
	DATE RANGE										
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Beryllium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.74	0.26	0.5	*	02/01/2024 07:50 - 02/02/2024 08:35	0.71	0.26	0.5	*
beta-BHC	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0039	0.005	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0039	0.005	U *
Biphenyl	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.4	10	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.4	10	U *
bis(2-Chloroethoxy)methane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.1	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.1	0.19	U *
bis(2-Chloroethyl) ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.4	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.4	1.9	U *
bis(2-Chloroisopropyl)ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.19	U *
bis(2-Ethylhexyl) phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	3.5	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.5	4.9	U *
Boron, dissolved	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.029	0.0035	0.5	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.021	0.0035	0.5	J (DNQ*)
Boron, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.033	0.0035	0.5	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.026	0.0035	0.5	J (DNQ*)
Bromide	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	41	100	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	41	100	U *
Bromobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.23	0.5	U *
Bromochloromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.27	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.21	0.5	U *
Bromodichloromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
Bromoform	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.25	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.25	1	U *
Bromomethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.22	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.22	0.5	U *
Butyl benzyl phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.65	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.65	0.97	U *
Cadmium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	1	U *
Cadmium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.28	0.13	1	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.26	0.13	1	J (DNQ*)
Carbazole	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.51	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.51	1.9	U *
Carbon Disulfide	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.32	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.61	1	U *
Carbon Tetrachloride	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.28	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.28	0.5	U *
Chlordane (Technical)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.026	0.033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.026	0.033	U *
Chloride	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	3	0.72	2	*	02/01/2024 07:50 - 02/02/2024 08:35	2.3	0.36	1	*
Chlorine, total residual	Field measurement	01/22/2024 09:05 - 01/23/2024 10:00 (l)	0.03	NM	NM	*	02/01/2024 07:50 - 02/02/2024 08:35	0	NM	NM	*
Chlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
Chloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.29	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.29	1	U *
Chloroform	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
Chloromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.3	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.3	0.5	U *
Chromium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	1.2	0.14	2	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.66	0.14	2	J (DNQ*)
Chromium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	15	0.14	2	*	02/01/2024 07:50 - 02/02/2024 08:35	13	0.14	2	*
Chrysene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.11	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.21	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.3	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.3	0.5	U *
Cobalt, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.33	0.14	1	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.21	0.14	1	J (DNQ*)
Cobalt, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	4.9	0.14	1	*	02/01/2024 07:50 - 02/02/2024 08:35	4.9	0.14	1	*
Copper, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	3	0.32	2	*	02/01/2024 07:50 - 02/02/2024 08:35	2	0.32	2	*
Copper, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	12	0.32	2	*	02/01/2024 07:50 - 02/02/2024 08:35	9.5	0.32	2	*
Cumene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.21	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.16	0.5	U *
Cyanides	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.5	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.5	5	U *
Dalapon	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	5	13	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	4.7	12	U *
delta-BHC	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.002	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.002	0.0033	U *
Dibenzo(a,h)anthracene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.19	U *
Dibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.094	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.095	0.19	U *
Dibromochloromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.5	U *
Dibromomethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
Dicamba	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.28	0.49	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.28	0.49	U *
Dichlorodifluoromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.51	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.46	1	U *
Dieldrin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0013	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0013	0.0033	U *
Diethyl phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.18	1.9	U *
Diethylene Glycol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	26000	52000	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	26000	52000	U *
Dimethyl phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.094	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.095	1.9	U *
Di-n-butyl phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.8	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.8	1.9	U *
Di-n-octyl phthalate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.52	2.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.52	2.9	U *
Dinoseb	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.3	2.7	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.1	2.5	U *
Diphenyl ether	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.75	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.75	5	U *
Endosulfan I	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0013	0.0013	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0013	0.0013	U *
Endosulfan II	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0041	0.0067	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0041	0.0067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009					Outfall 009				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0014	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0014	0.0033	U *
Endrin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0023	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0023	0.0033	U *
Endrin aldehyde	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.024	0.033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.024	0.033	U *
Endrin ketone	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0021	0.0033	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0021	0.0033	U *
Ethylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.25	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.25	0.5	U *
Fluoranthene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.097	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.098	0.19	U *
Fluorene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.091	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.092	0.19	U *
Fluoride	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.092	0.2	U *	02/01/2024 07:50 - 02/02/2024 08:35	0.1	0.046	0.1	*
Formaldehyde	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	7.8	10	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	7.8	10	U *
gamma-BHC	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.00066	0.0013	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.00066	0.0013	U *
Heptachlor	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0012	0.0013	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0012	0.0013	U *
Heptachlor epoxide	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0039	0.0067	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0039	0.0067	U *
Hexachlorobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.19	U *
Hexachlorobutadiene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.29	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.29	0.5	U *
Hexachlorocyclopentadiene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.19	U *
Hexachloroethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.12	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.12	0.19	U *
Hexavalent Chromium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.081	0.051	0.2	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.051	0.2	U *
HMX	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.7	1.6	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.7	1.6	U *
Hydrazine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.4	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.4	1	U *
Indeno(1,2,3-cd)pyrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.12	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.12	0.19	U *
Isophorone	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.095	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.096	0.19	U *
Isopropanol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	8800	20000	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	18	40	U *
Lead, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	16	0.12	1	--	02/01/2024 07:50 - 02/02/2024 08:35	10	0.12	1	--
Lead, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	270	0.12	1	--	02/01/2024 07:50 - 02/02/2024 08:35	160	0.12	1	--
Lithium, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.026	0.05	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.026	0.05	U *
Manganese, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	12	0.41	1	*	02/01/2024 07:50 - 02/02/2024 08:35	7.5	0.41	1	*
Manganese, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	280	0.41	1	*	02/01/2024 07:50 - 02/02/2024 08:35	270	0.41	1	*
MCPA	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	370	530	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	340	490	U *
MCPP	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	320	530	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	300	490	U *
m-Cresol (reported as 3/4-Methylphenol)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	1.9	U *
Mercury, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.0096	0.0002	0.0005	*	02/01/2024 07:50 - 02/02/2024 08:35	0.011	0.0002	0.0005	*
Mercury, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.013	0.0002	0.0005	*	02/01/2024 07:50 - 02/02/2024 08:35	0.031	0.001	0.0025	--
Methyl ethyl ketone	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.9	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.5	5	U *
Methyl isobutyl ketone (MIBK)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.6	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.6	5	U *
Methyl Mercury	ng/L	01/22/2024 09:05 - 01/23/2024 10:00	0.3	0.022	0.05	*	02/01/2024 07:50 - 02/02/2024 08:35	0.22	0.022	0.05	*
Methylene chloride	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.57	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.57	2	U *
Methyl-tert-butyl- Ether (MTBE)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.22	0.5	U *
Mirex	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.00079	0.0013	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.00079	0.0013	U *
Molybdenum, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	5.9	50	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	5.9	50	U *
Molybdenum, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	5.9	50	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	5.9	50	U *
Monomethylhydrazine	ug/l	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.62	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.62	2	U *
m-Xylene (reported as m/p-xylene)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	1	U *
m-Xylene & p-Xylene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	1	U *
Naphthalene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.33	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.33	1	U *
n-Butylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.24	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.22	1	U *
n-Hexane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.4	5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.4	5	U *
Nickel, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	1.9	0.17	2	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	1.5	0.17	2	J (DNQ*)
Nickel, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	12	0.17	2	*	02/01/2024 07:50 - 02/02/2024 08:35	11	0.17	2	*
Nitrate	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.22	0.02	0.1	*	02/01/2024 07:50 - 02/02/2024 08:35	0.78	0.02	0.1	*
Nitrite-NO2	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.043	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.043	0.1	U *
Nitrobenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.14	0.19	U *
Nitroglycerin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	7.5	20	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	7.5	20	U *
n-Nitrosodimethylamine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.18	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.18	0.19	U *
n-Nitrosodi-n-propylamine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.14	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.14	0.19	U *
n-Nitrosodiphenylamine	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.1	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.1	0.19	U *
n-Propylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.18	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.3	0.5	U *
o + p Xylene (reported in xylenes)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.39	1	U *
o-Chlorotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.23	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009					Outfall 009				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
o-Cresol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.096	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.097	0.97	U *
Octachlorodibenzofuran	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.3e-006	0.0001	UJ (*10)	02/01/2024 07:50 - 02/02/2024 08:35	ND	2.4e-006	9.9e-005	U (B)
Octachlorodibenzo-p-dioxin	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.00048	3.3e-006	0.0001	--	02/01/2024 07:50 - 02/02/2024 08:35	0.0012	3.5e-006	9.9e-005	--
Oil content	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.51	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	3.6	0.51	0.99	*
Orthophosphate – PO4	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.23	0.18	0.31	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.3	0.18	0.31	J (DNQ*)
o-Xylene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.15	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.15	0.5	U *
p,p'-Methoxychlor	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.0037	0.0067	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.0037	0.0067	U *
PCB_TEQ_Bird (Coplanar PCBs)	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.00054	NA	NA	*	02/01/2024 07:50 - 02/02/2024 08:35	0.0149	NA	NA	*
PCB_TEQ_Fish (Coplanar PCBs)	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.00027	NA	NA	*	02/01/2024 07:50 - 02/02/2024 08:35	0.001375	NA	NA	*
PCB_TEQ_Mammal (Coplanar PCBs)	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.00162	NA	NA	*	02/01/2024 07:50 - 02/02/2024 08:35	0.00825	NA	NA	*
PCB-105	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	23	1.6	39	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	53	2.9	40	--
PCB-114	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2	39	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.5	40	U
PCB-118	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	54	1.7	39	--	02/01/2024 07:50 - 02/02/2024 08:35	140	3	40	--
PCB-123	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2.1	39	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.5	40	U
PCB-126	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.8	20	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	3.3	20	U
PCB-156	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.59	39	U (B)	02/01/2024 07:50 - 02/02/2024 08:35	41	1.2	40	--
PCB-157	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.59	39	U (B)	02/01/2024 07:50 - 02/02/2024 08:35	41	1.2	40	--
PCB-167	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	9.5	0.42	39	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	15	0.83	40	J (DNQ)
PCB-169	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.45	20	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.86	20	U
PCB-189	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	2.1	0.62	20	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	3	0.49	20	J (DNQ)
PCB-194	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	22	0.61	39	J (DNQ)	02/01/2024 07:50 - 02/02/2024 08:35	26	0.79	40	J (DNQ)
PCB-77	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.4	20	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.5	20	U
PCB-81	pg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	1.5	20	U	02/01/2024 07:50 - 02/02/2024 08:35	ND	1.6	20	U
p-Chloro-m-cresol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.13	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.13	0.97	U *
p-Chlorotoluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.24	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.22	0.5	U *
p-Cresol (reported as 3/4-Methylphenol)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.19	1.9	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	1.9	U *
p-Cymene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.24	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.18	0.5	U *
Pentachlorophenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.81	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.82	0.97	U *
Perchlorate	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.91	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.91	2	U *
Perylene[(o)]	ug/L	1/23/2024 10:00	ND	1	1	U*	2/2/2024 8:35	ND	1	1	U*
PETN	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	10	23	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	10	23	U *
Phenanthrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.16	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.16	0.19	U *
Phenol	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.51	0.96	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.51	0.97	U *
Phosphorus, dissolved	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.1	0.01	0.25	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.11	0.01	0.25	J (DNQ*)
Phosphorus, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.31	0.01	0.25	*	02/01/2024 07:50 - 02/02/2024 08:35	0.31	0.01	0.25	*
p-Nitroaniline	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	2	4.8	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	2	4.9	U *
Pyrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.083	0.19	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.083	0.19	U *
RDX	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.64	1.4	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.64	1.4	U *
sec-Butylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.2	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.2	0.5	U *
Selenium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.52	2	U *	02/01/2024 07:50 - 02/02/2024 08:35	0.72	0.52	2	J (DNQ*)
Selenium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	1.3	0.52	2	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	1.3	0.52	2	J (DNQ*)
Silica, dissolved	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	12	0.11	0.54	*	02/01/2024 07:50 - 02/02/2024 08:35	6.8	0.11	0.54	*
Silver, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.23	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.23	1	U *
Silver, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.36	0.23	1	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.37	0.23	1	J (DNQ*)
Strontium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	36	1.8	10	*	02/01/2024 07:50 - 02/02/2024 08:35	32	1.8	10	*
Strontium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	60	1.8	10	*	02/01/2024 07:50 - 02/02/2024 08:35	55	1.8	10	*
Styrene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.27	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.19	0.5	U *
Sulfate	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	4.8	0.37	2	*	02/01/2024 07:50 - 02/02/2024 08:35	2.8	0.18	1	*
tert-Butylbenzene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.21	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
Tetrachloroethene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.21	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.21	0.5	U *
Tetryl	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.4	1.6	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.4	1.6	U *
Thallium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.11	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.11	1	U *
Thallium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	0.19	0.11	1	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	0.17	0.11	1	J (DNQ*)
Tin, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.02	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.02	0.1	U *
Titanium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	48	0.39	50	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	7.8	0.39	50	J (DNQ*)
Titanium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	360	0.39	50	*	02/01/2024 07:50 - 02/02/2024 08:35	390	0.39	50	*
Toluene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.23	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.23	0.5	U *
Toxaphene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.054	0.067	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.054	0.067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	Outfall 009					Outfall 009				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
TPH-Diesel Range Organics (DRO)	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	0.15	0.034	0.047	*	02/01/2024 07:50 - 02/02/2024 08:35	0.05	0.033	0.046	*
TPH-Gasoline Range Organics (GRO)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	35	29	50	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	ND	29	50	U *
TPH-Kerosene Range Organics (KRO)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	130	34	47	*	02/01/2024 07:50 - 02/02/2024 08:35	ND	33	46	U *
TPH-Oil Range Organics (ORO)	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	320	63	240	*	02/01/2024 07:50 - 02/02/2024 08:35	70	61	230	J (DNQ*)
trans-1,2-Dichloroethene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.24	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.18	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.18	0.5	U *
Trichloroethene	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.17	0.5	U *
Trichlorofluoromethane	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.29	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.29	0.5	U *
Triethylene glycol	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	27	56	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	27	56	U *
Vanadium, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	2.6	0.17	2	*	02/01/2024 07:50 - 02/02/2024 08:35	1.5	0.17	2	J (DNQ*)
Vanadium, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	26	0.17	2	*	02/01/2024 07:50 - 02/02/2024 08:35	25	0.17	2	*
Vinyl chloride	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.47	0.5	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.47	0.5	U *
Xylenes, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.17	1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.39	1	U *
Zinc, dissolved	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	6.6	2.8	20	J (DNQ*)	02/01/2024 07:50 - 02/02/2024 08:35	3	2.8	20	J (DNQ*)
Zinc, Total	ug/L	01/22/2024 09:05 - 01/23/2024 10:00	47	2.8	20	*	02/01/2024 07:50 - 02/02/2024 08:35	40	2.8	20	*
Zirconium, Total	mg/L	01/22/2024 09:05 - 01/23/2024 10:00	ND	0.022	0.1	U *	02/01/2024 07:50 - 02/02/2024 08:35	ND	0.022	0.1	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1,2-Tetrachloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.089	0.5	U *	2/19/2024 8:30:00 AM	ND	0.2	0.5	U *
1,1,1-Trichloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.21	0.5	U *	2/19/2024 8:30:00 AM	ND	0.21	0.5	U *
1,1,2,2-Tetrachloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.5	U *	2/19/2024 8:30:00 AM	ND	0.12	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	2/5/2024 7:40:00 AM	ND	1.5	2	U *	2/19/2024 8:30:00 AM	ND	1.5	2	U *
1,1,2-Trichloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.087	0.5	U *	2/19/2024 8:30:00 AM	ND	0.087	0.5	U *
1,1-Dichloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.054	0.5	U *	2/19/2024 8:30:00 AM	ND	0.054	0.5	U *
1,1-Dichloroethene	ug/L	2/5/2024 7:40:00 AM	ND	0.24	0.5	U *	2/19/2024 8:30:00 AM	ND	0.24	0.5	U *
1,1-Dichloropropene	ug/L	2/5/2024 7:40:00 AM	ND	0.25	0.5	U *	2/19/2024 8:30:00 AM	ND	0.16	0.5	U *
1,1-Dimethylhydrazine	ug/L	2/5/2024 7:40:00 AM	ND	0.58	1	U *	2/19/2024 8:30:00 AM	ND	0.58	2	U *
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	2.5e-006	5e-005	U (B)	2/19/2024 8:30:00 AM	0.000053	1.5e-006	5.1e-005	--
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	ND	9.6e-007	5e-005	U (B)	2/19/2024 8:30:00 AM	0.000089	1.1e-006	5.1e-005	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	3.2e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.5e-006	5.1e-005	U (B)
1,2,3,4,7,8-Hexachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	1.9e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.1e-006	5.1e-005	U (B)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	ND	3.3e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.6e-006	5.1e-005	U (B)
1,2,3,6,7,8-Hexachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	1.9e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.1e-006	5.1e-005	U (B)
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	ND	3.4e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.6e-006	5.1e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	2.1e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.1e-006	5.1e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	ND	3.3e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.5e-006	5.1e-005	U (B)
1,2,3,7,8-Pentachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	1.5e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.1e-006	5.1e-005	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	ND	3.4e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	2.4e-006	5.1e-005	U
1,2,3-Trichlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.16	1	U *	2/19/2024 8:30:00 AM	ND	0.26	0.5	U *
1,2,3-Trichloropropane	ug/L	2/5/2024 7:40:00 AM	ND	0.28	1	U *	2/19/2024 8:30:00 AM	ND	0.31	0.5	U *
1,2,4-Trichlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.2	1	U *	2/19/2024 8:30:00 AM	ND	0.26	0.5	U *
1,2,4-Trimethylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.5	U *	2/19/2024 8:30:00 AM	ND	0.22	0.5	U *
1,2-Dibromo-3-chloropropane	ug/L	2/5/2024 7:40:00 AM	ND	0.24	1	U *	2/19/2024 8:30:00 AM	ND	0.84	1	U *
1,2-Dibromoethane	ug/L	2/5/2024 7:40:00 AM	ND	0.058	0.5	U *	2/19/2024 8:30:00 AM	ND	0.27	0.5	U *
1,2-Dichlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.17	0.5	U *	2/19/2024 8:30:00 AM	ND	0.17	0.5	U *
1,2-Dichloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.055	0.5	U *	2/19/2024 8:30:00 AM	ND	0.055	0.5	U *
1,2-Dichloropropane	ug/L	2/5/2024 7:40:00 AM	ND	0.065	0.5	U *	2/19/2024 8:30:00 AM	ND	0.14	0.5	U *
1,2-Diphenylhydrazine	ug/L	2/5/2024 7:40:00 AM	ND	0.088	0.19	U *	2/19/2024 8:30:00 AM	ND	0.088	0.19	U *
1,3,5-Trimethylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.16	0.5	U *	2/19/2024 8:30:00 AM	ND	0.19	0.5	U *
1,3-Dichlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.5	U *	2/19/2024 8:30:00 AM	ND	0.15	0.5	U *
1,3-Dichloropropane	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.5	U *	2/19/2024 8:30:00 AM	ND	0.19	0.5	U *
1,3-Dinitrobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.4	1	U *	2/19/2024 8:30:00 AM	ND	0.4	1	U *
1,4-Dichlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.081	0.5	U *	2/19/2024 8:30:00 AM	ND	0.081	0.5	U *
1,4-Dioxane	ug/L	2/5/2024 7:40:00 AM	ND	0.55	1	U *	2/19/2024 8:30:00 AM	ND	0.55	1	U *
1-Methyl naphthalene	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.19	U *	2/19/2024 8:30:00 AM	ND	0.1	0.19	U *
2,2-Dichloro-1,1,1-trifluoroethane	ug/L	2/5/2024 7:40:00 AM	ND	2.9	10	U *	2/19/2024 8:30:00 AM	ND	2.9	10	U *
2,3,4,6,7,8-Hexachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	1.7e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	9.9e-007	5.1e-005	U (B)
2,3,4,7,8-Pentachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	1.7e-006	5e-005	U	2/19/2024 8:30:00 AM	ND	1.1e-006	5.1e-005	U
2,3,7,8-TCDD	ug/L	2/5/2024 7:40:00 AM	ND	8.6e-007	1e-005	U	2/19/2024 8:30:00 AM	ND	7.9e-007	1e-005	U
2,3,7,8-TCDD_TEQ_Bird	ug/L	2/5/2024 7:40:00 AM	0.000000042	NA	NA	*	2/19/2024 8:30:00 AM	0.000005473	NA	NA	*
2,3,7,8-TCDD_TEQ_Fish	ug/L	2/5/2024 7:40:00 AM	0.000000042	NA	NA	*	2/19/2024 8:30:00 AM	0.000005473	NA	NA	*
2,3,7,8-TCDD_TEQ_Mammal	ug/L	2/5/2024 7:40:00 AM	0.000000042	NA	NA	*	2/19/2024 8:30:00 AM	0.000001504	NA	NA	*
2,3,7,8-Tetrachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	4e-007	1e-005	U	2/19/2024 8:30:00 AM	ND	4.6e-007	1e-005	U
2,4,5-T	ug/L	2/5/2024 7:40:00 AM	ND	0.21	0.49	U *	2/19/2024 8:30:00 AM	ND	0.2	0.48	U *
2,4,5-TP (Silvex)	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.49	U *	2/19/2024 8:30:00 AM	ND	0.13	0.48	U *
2,4,5-Trichlorophenol	ug/L	2/5/2024 7:40:00 AM	ND	2.3	4.9	U *	2/19/2024 8:30:00 AM	ND	2.3	4.8	U *
2,4,6-Trichlorophenol	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.97	U *	2/19/2024 8:30:00 AM	ND	0.13	0.97	U *
2,4,6-Trinitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	1.8	3.7	U *	2/19/2024 8:30:00 AM	ND	1.8	3.7	U *
2,4-diamino-6-nitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	1	2.1	U *	2/19/2024 8:30:00 AM	ND	1	2.1	U *
2,4-Dichlorophenol	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.97	U *	2/19/2024 8:30:00 AM	ND	0.13	0.97	U *
2,4-Dichlorophenoxyacetic Acid (2,4-D)	ug/L	2/5/2024 7:40:00 AM	ND	1.9	4.9	U *	2/19/2024 8:30:00 AM	ND	1.9	4.8	U *
2,4-Dichlorophenoxybutyric acid	ug/L	2/5/2024 7:40:00 AM	ND	3.5	4.9	U *	2/19/2024 8:30:00 AM	ND	3.4	4.8	U *
2,4-Dimethylphenol	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.19	U *	2/19/2024 8:30:00 AM	ND	0.12	0.19	U *
2,4-Dinitrophenol	ug/L	2/5/2024 7:40:00 AM	ND	4.2	4.9	U *	2/19/2024 8:30:00 AM	ND	4.2	4.8	U *
2,4-Dinitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.19	U *	2/19/2024 8:30:00 AM	ND	0.11	0.19	U *
2,4-DP (Dichlorprop)	ug/L	2/5/2024 7:40:00 AM	ND	1.9	4.9	U *	2/19/2024 8:30:00 AM	ND	1.9	4.8	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
2,6-Dinitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.18	0.19	U *	2/19/2024 8:30:00 AM	ND	0.17	0.19	U *
2-Amino-4,6-dinitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.43	0.85	U *	2/19/2024 8:30:00 AM	ND	0.43	0.85	U *
2-Chloroethylvinyl ether	ug/L	2/5/2024 7:40:00 AM	ND	0.19	5	U *	2/19/2024 8:30:00 AM	ND	0.54	2	U *
2-Chloronaphthalene	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.19	U *	2/19/2024 8:30:00 AM	ND	0.14	0.19	U *
2-Chlorophenol	ug/L	2/5/2024 7:40:00 AM	ND	0.093	0.19	U *	2/19/2024 8:30:00 AM	ND	0.093	0.19	U *
2-Hexanone	ug/L	2/5/2024 7:40:00 AM	ND	0.96	5	U *	2/19/2024 8:30:00 AM	ND	2	6	U *
2-Methylnaphthalene	ug/L	2/5/2024 7:40:00 AM	ND	0.099	0.19	U *	2/19/2024 8:30:00 AM	ND	0.099	0.19	U *
2-n-Butoxyethanol	ug/L	2/5/2024 7:40:00 AM	ND	1.1	4	U *	2/19/2024 8:30:00 AM	ND	1.1	4	U *
2-Nitrophenol	ug/L	2/5/2024 7:40:00 AM	ND	3.4	4.9	U *	2/19/2024 8:30:00 AM	ND	3.4	4.8	U *
2-Nitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.43	0.9	U *	2/19/2024 8:30:00 AM	ND	0.43	0.9	U *
3,3'-Dichlorobenzidine	ug/L	2/5/2024 7:40:00 AM	ND	2.9	4.9	U *	2/19/2024 8:30:00 AM	ND	2.9	4.8	U *
3,5-Dimethylphenol	ug/L	2/5/2024 7:40:00 AM	ND	11	22	U *	2/19/2024 8:30:00 AM	ND	5.9	12	U *
3-Nitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.38	0.8	U *	2/19/2024 8:30:00 AM	ND	0.38	0.8	U *
4,4'-DDD	ug/L	2/5/2024 7:40:00 AM	ND	0.0044	0.0067	U *	2/19/2024 8:30:00 AM	ND	0.0044	0.0067	U *
4,4'-DDE	ug/L	2/5/2024 7:40:00 AM	ND	0.0019	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0019	0.0033	U *
4,4'-DDT	ug/L	2/5/2024 7:40:00 AM	ND	0.0016	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0016	0.0033	U *
4,6-Dinitro-o-cresol	ug/L	2/5/2024 7:40:00 AM	ND	4.4	4.9	U *	2/19/2024 8:30:00 AM	ND	4.4	4.8	U *
4-Amino-2,6-dinitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.92	2	U *	2/19/2024 8:30:00 AM	ND	0.92	2	U *
4-Bromophenyl phenyl ether	ug/L	2/5/2024 7:40:00 AM	ND	0.097	0.19	U *	2/19/2024 8:30:00 AM	ND	0.097	0.19	U *
4-Chlorophenylphenyl ether	ug/L	2/5/2024 7:40:00 AM	ND	0.16	0.19	U *	2/19/2024 8:30:00 AM	ND	0.16	0.19	U *
4-Nitrophenol	ug/L	2/5/2024 7:40:00 AM	ND	3.3	4.9	U *	2/19/2024 8:30:00 AM	ND	3.3	4.8	U *
4-Nitrotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.44	0.9	U *	2/19/2024 8:30:00 AM	ND	0.44	0.9	U *
Acenaphthene	ug/L	2/5/2024 7:40:00 AM	ND	0.096	0.19	U *	2/19/2024 8:30:00 AM	ND	0.095	0.19	U *
Acenaphthylene	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.19	U *	2/19/2024 8:30:00 AM	ND	0.13	0.19	U *
Acetic Acid	ug/L	2/5/2024 7:40:00 AM	ND	630	4000	U *	2/19/2024 8:30:00 AM	ND	630	4000	U *
Acetone	ug/L	2/5/2024 7:40:00 AM	ND	4.4	20	U *	2/19/2024 8:30:00 AM	ND	3.6	8	U *
Acrolein	ug/L	2/5/2024 7:40:00 AM	ND	0.73	5	U *	2/19/2024 8:30:00 AM	ND	0.73	5	U *
Acrylonitrile	ug/L	2/5/2024 7:40:00 AM	ND	0.36	2	U *	2/19/2024 8:30:00 AM	ND	0.36	2	U *
Aldrin	ug/L	2/5/2024 7:40:00 AM	ND	0.0031	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0031	0.0033	U *
alpha-BHC	ug/L	2/5/2024 7:40:00 AM	ND	0.0012	0.0013	U *	2/19/2024 8:30:00 AM	ND	0.0012	0.0013	U *
Aluminum, dissolved	mg/L	2/5/2024 7:40:00 AM	0.23	0.0086	0.015	*	2/19/2024 8:30:00 AM	0.03	0.0086	0.015	*
Aluminum, Total	mg/L	2/5/2024 7:40:00 AM	1.7	0.0086	0.015	--	2/19/2024 8:30:00 AM	1	0.0086	0.015	*
Ammonia-N	mg/L	2/5/2024 7:40:00 AM	ND	0.029	0.075	U *	2/19/2024 8:30:00 AM	0.045	0.029	0.075	J (DNQ*)
Anthracene	ug/L	2/5/2024 7:40:00 AM	ND	0.082	0.19	U *	2/19/2024 8:30:00 AM	ND	0.081	0.19	U *
Antimony, dissolved	ug/L	2/5/2024 7:40:00 AM	1.6	0.36	2	J (DNQ*)	2/19/2024 8:30:00 AM	1.7	0.36	2	J (DNQ*)
Antimony, Total	ug/L	2/5/2024 7:40:00 AM	0.61	0.36	2	J (DNQ*)	2/19/2024 8:30:00 AM	0.47	0.36	2	J (DNQ*)
Aroclor 1016	ug/L	2/5/2024 7:40:00 AM	ND	0.044	0.1	U *	2/19/2024 8:30:00 AM	ND	0.044	0.1	U *
Aroclor 1221	ug/L	2/5/2024 7:40:00 AM	ND	0.044	0.1	U *	2/19/2024 8:30:00 AM	ND	0.044	0.1	U *
Aroclor 1232	ug/L	2/5/2024 7:40:00 AM	ND	0.044	0.1	U *	2/19/2024 8:30:00 AM	ND	0.044	0.1	U *
Aroclor 1242	ug/L	2/5/2024 7:40:00 AM	ND	0.044	0.1	U *	2/19/2024 8:30:00 AM	ND	0.044	0.1	U *
Aroclor 1248	ug/L	2/5/2024 7:40:00 AM	ND	0.044	0.1	U *	2/19/2024 8:30:00 AM	ND	0.044	0.1	U *
Aroclor 1254	ug/L	2/5/2024 7:40:00 AM	ND	0.052	0.1	U *	2/19/2024 8:30:00 AM	ND	0.052	0.1	U *
Aroclor 1260	ug/L	2/5/2024 7:40:00 AM	ND	0.052	0.1	U *	2/19/2024 8:30:00 AM	ND	0.052	0.1	U *
Arsenic, dissolved	ug/L	2/5/2024 7:40:00 AM	1.3	0.16	1	*	2/19/2024 8:30:00 AM	1.6	0.16	1	*
Arsenic, Total	ug/L	2/5/2024 7:40:00 AM	2.4	0.16	1	*	2/19/2024 8:30:00 AM	2.3	0.16	1	*
Barium, dissolved	mg/L	2/5/2024 7:40:00 AM	0.0097	0.00017	0.001	*	2/19/2024 8:30:00 AM	0.022	0.00017	0.001	*
Barium, Total	mg/L	2/5/2024 7:40:00 AM	0.026	0.00017	0.001	*	2/19/2024 8:30:00 AM	0.032	0.00017	0.001	*
Benzene	ug/L	2/5/2024 7:40:00 AM	ND	0.057	0.5	U *	2/19/2024 8:30:00 AM	ND	0.057	0.5	U *
Benzidine	ug/L	2/5/2024 7:40:00 AM	ND	2.6	4.9	U *	2/19/2024 8:30:00 AM	ND	2.6	4.8	U *
Benzo(a)anthracene	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.19	U *	2/19/2024 8:30:00 AM	ND	0.12	0.19	U *
Benzo(a)pyrene	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.19	U *	2/19/2024 8:30:00 AM	ND	0.15	0.19	U *
Benzo(b)fluoranthene	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.19	U *	2/19/2024 8:30:00 AM	ND	0.11	0.19	U *
Benzo(e)pyrene	ug/L	2/5/2024 7:40:00 AM	ND	3	10	U *	2/19/2024 8:30:00 AM	ND	3	10	U *
Benzo(ghi)perylene	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.19	U *	2/19/2024 8:30:00 AM	ND	0.1	0.19	U *
Benzo(k)fluoranthene	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.19	U *	2/19/2024 8:30:00 AM	ND	0.11	0.19	U *
Benzoic acid	ug/L	2/5/2024 7:40:00 AM	ND	5.9	9.7	U *	2/19/2024 8:30:00 AM	ND	5.8	9.7	U *
Benzyl alcohol	ug/L	2/5/2024 7:40:00 AM	ND	0.31	0.97	U *	2/19/2024 8:30:00 AM	0.4	0.31	0.97	J (DNQ*)
Beryllium, dissolved	ug/L	2/5/2024 7:40:00 AM	ND	0.26	0.5	U *	2/19/2024 8:30:00 AM	0.3	0.26	0.5	J (DNQ*)

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Beryllium, Total	ug/L	2/5/2024 7:40:00 AM	ND	0.26	0.5	U *	2/19/2024 8:30:00 AM	ND	0.26	0.5	U *
beta-BHC	ug/L	2/5/2024 7:40:00 AM	ND	0.0039	0.005	U *	2/19/2024 8:30:00 AM	ND	0.0039	0.005	U *
Biphenyl	ug/L	2/5/2024 7:40:00 AM	ND	1.4	10	U *	2/19/2024 8:30:00 AM	ND	1.4	10	U *
bis(2-Chloroethoxy)methane	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.19	U *	2/19/2024 8:30:00 AM	ND	0.1	0.19	U *
bis(2-Chloroethyl) ether	ug/L	2/5/2024 7:40:00 AM	ND	0.4	1.9	U *	2/19/2024 8:30:00 AM	ND	0.4	1.9	U *
bis(2-Chloroisopropyl)ether	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.19	U *	2/19/2024 8:30:00 AM	ND	0.13	0.19	U *
bis(2-Ethylhexyl) phthalate	ug/L	2/5/2024 7:40:00 AM	ND	3.5	4.9	U *	2/19/2024 8:30:00 AM	ND	3.5	4.8	U *
Boron, dissolved	mg/L	2/5/2024 7:40:00 AM	0.045	0.0035	0.5	J (DNQ*)	2/19/2024 8:30:00 AM	0.078	0.0035	0.5	J (DNQ*)
Boron, Total	mg/L	2/5/2024 7:40:00 AM	0.054	0.0035	0.5	J (DNQ*)	2/19/2024 8:30:00 AM	0.091	0.0035	0.5	J (DNQ*)
Bromide	ug/L	2/5/2024 7:40:00 AM	ND	82	200	U *	2/19/2024 8:30:00 AM	ND	82	200	U *
Bromobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.5	U *	2/19/2024 8:30:00 AM	ND	0.14	0.5	U *
Bromochloromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.094	0.5	U *	2/19/2024 8:30:00 AM	ND	0.27	1	U *
Bromodichloromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.084	0.5	U *	2/19/2024 8:30:00 AM	ND	0.084	0.5	U *
Bromoform	ug/L	2/5/2024 7:40:00 AM	ND	0.34	1	U *	2/19/2024 8:30:00 AM	ND	0.34	1	U *
Bromomethane	ug/L	2/5/2024 7:40:00 AM	ND	0.44	0.5	U *	2/19/2024 8:30:00 AM	ND	0.44	0.5	U *
Butyl benzyl phthalate	ug/L	2/5/2024 7:40:00 AM	ND	0.65	0.97	U *	2/19/2024 8:30:00 AM	ND	0.65	0.97	U *
Cadmium, dissolved	ug/L	2/5/2024 7:40:00 AM	ND	0.13	1	U *	2/19/2024 8:30:00 AM	0.17	0.13	1	J (DNQ*)
Cadmium, Total	ug/L	2/5/2024 7:40:00 AM	0.15	0.13	1	J (DNQ*)	2/19/2024 8:30:00 AM	0.22	0.13	1	J (DNQ*)
Carbazole	ug/L	2/5/2024 7:40:00 AM	ND	0.51	1.9	U *	2/19/2024 8:30:00 AM	ND	0.51	1.9	U *
Carbon Disulfide	ug/L	2/5/2024 7:40:00 AM	ND	0.29	1	U *	2/19/2024 8:30:00 AM	ND	0.32	1	U *
Carbon Tetrachloride	ug/L	2/5/2024 7:40:00 AM	ND	0.23	0.5	U *	2/19/2024 8:30:00 AM	ND	0.23	0.5	U *
Chlordane (Technical)	ug/L	2/5/2024 7:40:00 AM	ND	0.026	0.033	U *	2/19/2024 8:30:00 AM	ND	0.026	0.033	U *
Chloride	mg/L	2/5/2024 7:40:00 AM	1.9	0.72	2	J (DNQ*)	2/19/2024 8:30:00 AM	3.1	0.72	2	*
Chlorine, total residual	Field measurement	2/5/2024 7:40:00 AM	0	NM	NM	*	2/19/2024 8:30:00 AM [(I)]	0.06	NM	NM	*
Chlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.5	U *	2/19/2024 8:30:00 AM	ND	0.13	0.5	U *
Chloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.26	1	U *	2/19/2024 8:30:00 AM	ND	0.26	1	U *
Chloroform	ug/L	2/5/2024 7:40:00 AM	ND	0.23	0.5	U *	2/19/2024 8:30:00 AM	ND	0.23	0.5	U *
Chloromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.5	U *	2/19/2024 8:30:00 AM	ND	0.15	0.5	U *
Chromium, dissolved	ug/L	2/5/2024 7:40:00 AM	1.2	0.14	2	J (DNQ*)	2/19/2024 8:30:00 AM	0.37	0.14	2	J (DNQ*)
Chromium, Total	ug/L	2/5/2024 7:40:00 AM	3.2	0.14	2	*	2/19/2024 8:30:00 AM	1.7	0.14	2	J (DNQ*)
Chrysene	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.19	U *	2/19/2024 8:30:00 AM	ND	0.11	0.19	U *
cis-1,2-Dichloroethene	ug/L	2/5/2024 7:40:00 AM	ND	0.098	0.5	U *	2/19/2024 8:30:00 AM	ND	0.098	0.5	U *
cis-1,3-Dichloropropene	ug/L	2/5/2024 7:40:00 AM	ND	0.065	0.5	U *	2/19/2024 8:30:00 AM	ND	0.065	0.5	U *
Cobalt, dissolved	ug/L	2/5/2024 7:40:00 AM	0.16	0.14	1	J (DNQ*)	2/19/2024 8:30:00 AM	0.16	0.14	1	J (DNQ*)
Cobalt, Total	ug/L	2/5/2024 7:40:00 AM	1.1	0.14	1	*	2/19/2024 8:30:00 AM	0.77	0.14	1	J (DNQ*)
Copper, dissolved	ug/L	2/5/2024 7:40:00 AM	4.4	0.32	2	*	2/19/2024 8:30:00 AM	6.4	0.32	2	*
Copper, Total	ug/L	2/5/2024 7:40:00 AM	4.9	0.32	2	*	2/19/2024 8:30:00 AM	9.5	0.32	2	*
Cumene	ug/L	2/5/2024 7:40:00 AM	ND	0.075	0.5	U *	2/19/2024 8:30:00 AM	ND	0.21	0.5	U *
Cyanides	ug/L	2/5/2024 7:40:00 AM	ND	2.5	5	U *	2/19/2024 8:30:00 AM	ND	2.5	5	U *
Dalapon	ug/L	2/5/2024 7:40:00 AM	ND	4.7	12	U *	2/19/2024 8:30:00 AM	ND	4.6	12	U *
delta-BHC	ug/L	2/5/2024 7:40:00 AM	ND	0.002	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.002	0.0033	U *
Dibenzo(a,h)anthracene	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.19	U *	2/19/2024 8:30:00 AM	ND	0.15	0.19	U *
Dibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	0.095	0.19	U *	2/19/2024 8:30:00 AM	ND	0.094	0.19	U *
Dibromochloromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.065	0.5	U *	2/19/2024 8:30:00 AM	ND	0.065	0.5	U *
Dibromomethane	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.5	U *	2/19/2024 8:30:00 AM	ND	0.16	0.5	U *
Dicamba	ug/L	2/5/2024 7:40:00 AM	ND	0.28	0.49	U *	2/19/2024 8:30:00 AM	ND	0.28	0.48	U *
Dichlorodifluoromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.32	1	U *	2/19/2024 8:30:00 AM	ND	0.51	1	U *
Dieldrin	ug/L	2/5/2024 7:40:00 AM	ND	0.0013	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0013	0.0033	U *
Diethyl phthalate	ug/L	2/5/2024 7:40:00 AM	ND	0.18	1.9	U *	2/19/2024 8:30:00 AM	ND	0.18	1.9	U *
Diethylene Glycol	ug/L	2/5/2024 7:40:00 AM	ND	26000	52000	U *	2/19/2024 8:30:00 AM	ND	26000	52000	U *
Dimethyl phthalate	ug/L	2/5/2024 7:40:00 AM	ND	0.095	1.9	U *	2/19/2024 8:30:00 AM	ND	0.095	1.9	U *
Di-n-butyl phthalate	ug/L	2/5/2024 7:40:00 AM	ND	1.8	1.9	U *	2/19/2024 8:30:00 AM	ND	1.8	1.9	U *
Di-n-octyl phthalate	ug/L	2/5/2024 7:40:00 AM	ND	0.52	2.9	U *	2/19/2024 8:30:00 AM	ND	0.52	2.9	U *
Dinoseb	ug/L	2/5/2024 7:40:00 AM	ND	2.1	2.5	U *	2/19/2024 8:30:00 AM	ND	2.1	2.4	U *
Diphenyl ether	ug/L	2/5/2024 7:40:00 AM	ND	0.75	5	U *	2/19/2024 8:30:00 AM	ND	0.75	5	U *
Endosulfan I	ug/L	2/5/2024 7:40:00 AM	ND	0.0013	0.0013	U *	2/19/2024 8:30:00 AM	ND	0.0013	0.0013	U *
Endosulfan II	ug/L	2/5/2024 7:40:00 AM	ND	0.0041	0.0067	U *	2/19/2024 8:30:00 AM	ND	0.0041	0.0067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	2/5/2024 7:40:00 AM	ND	0.0014	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0014	0.0033	U *
Endrin	ug/L	2/5/2024 7:40:00 AM	ND	0.0023	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0023	0.0033	U *
Endrin aldehyde	ug/L	2/5/2024 7:40:00 AM	ND	0.024	0.033	U *	2/19/2024 8:30:00 AM	ND	0.024	0.033	U *
Endrin ketone	ug/L	2/5/2024 7:40:00 AM	ND	0.0021	0.0033	U *	2/19/2024 8:30:00 AM	ND	0.0021	0.0033	U *
Ethylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.045	0.5	U *	2/19/2024 8:30:00 AM	ND	0.045	0.5	U *
Fluoranthene	ug/L	2/5/2024 7:40:00 AM	ND	0.098	0.19	U *	2/19/2024 8:30:00 AM	ND	0.097	0.19	U *
Fluorene	ug/L	2/5/2024 7:40:00 AM	ND	0.092	0.19	U *	2/19/2024 8:30:00 AM	ND	0.092	0.19	U *
Fluoride	mg/L	2/5/2024 7:40:00 AM	0.11	0.092	0.2	J (DNQ*)	2/19/2024 8:30:00 AM	ND	0.092	0.2	U *
Formaldehyde	ug/L	2/5/2024 7:40:00 AM	ND	7.8	10	U *	2/19/2024 8:30:00 AM	ND	7.8	10	U *
gamma-BHC	ug/L	2/5/2024 7:40:00 AM	ND	0.00066	0.0013	U *	2/19/2024 8:30:00 AM	ND	0.00066	0.0013	U *
Heptachlor	ug/L	2/5/2024 7:40:00 AM	ND	0.0012	0.0013	U *	2/19/2024 8:30:00 AM	ND	0.0012	0.0013	U *
Heptachlor epoxide	ug/L	2/5/2024 7:40:00 AM	ND	0.0039	0.0067	U *	2/19/2024 8:30:00 AM	ND	0.0039	0.0067	U *
Hexachlorobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.19	U *	2/19/2024 8:30:00 AM	ND	0.13	0.19	U *
Hexachlorobutadiene	ug/L	2/5/2024 7:40:00 AM	ND	0.29	0.5	U *	2/19/2024 8:30:00 AM	ND	0.15	0.19	U *
Hexachlorocyclopentadiene	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.19	U *	2/19/2024 8:30:00 AM	ND	0.15	0.19	U *
Hexachloroethane	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.19	U *	2/19/2024 8:30:00 AM	ND	0.12	0.19	U *
Hexavalent Chromium, Total	ug/L	2/5/2024 7:40:00 AM	ND	0.051	0.2	U *	2/19/2024 8:30:00 AM	0.057	0.051	0.2	J (DNQ*)
HMX	ug/L	2/5/2024 7:40:00 AM	ND	0.7	1.6	U *	2/19/2024 8:30:00 AM	ND	0.7	1.6	U *
Hydrazine	ug/L	2/5/2024 7:40:00 AM	ND	0.4	1	U *	3/10/2024 7:35:00 AM	ND	0.4	1	U *
Indeno(1,2,3-cd)pyrene	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.19	U *	2/19/2024 8:30:00 AM	ND	0.12	0.19	U *
Isophorone	ug/L	2/5/2024 7:40:00 AM	ND	0.096	0.19	U *	2/19/2024 8:30:00 AM	ND	0.096	0.19	U *
Isopropanol	ug/L	2/5/2024 7:40:00 AM	ND	11	250	U *	2/19/2024 8:30:00 AM	ND	18	40	U *
Lead, dissolved	ug/L	2/5/2024 7:40:00 AM	0.27	0.12	1	J (DNQ*)	2/19/2024 8:30:00 AM	0.18	0.12	1	J (DNQ*)
Lead, Total	ug/L	2/5/2024 7:40:00 AM	2.9	0.12	1	*	2/19/2024 8:30:00 AM	2.8	0.12	1	*
Lithium, Total	mg/L	2/5/2024 7:40:00 AM	ND	0.026	0.05	U *	2/19/2024 8:30:00 AM	ND	0.026	0.05	U *
Manganese, dissolved	ug/L	2/5/2024 7:40:00 AM	3.5	0.41	1	*	2/19/2024 8:30:00 AM	2	0.41	1	*
Manganese, Total	ug/L	2/5/2024 7:40:00 AM	54	0.41	1	*	2/19/2024 8:30:00 AM	55	0.41	1	*
MCPA	ug/L	2/5/2024 7:40:00 AM	ND	340	490	U *	2/19/2024 8:30:00 AM	ND	340	480	U *
MCPP	ug/L	2/5/2024 7:40:00 AM	ND	300	490	U *	2/19/2024 8:30:00 AM	ND	290	480	U *
m-Cresol (reported as 3/4-Methylphenol)	ug/L	2/5/2024 7:40:00 AM	ND	0.19	1.9	U *	2/19/2024 8:30:00 AM	ND	0.19	1.9	U *
Mercury, dissolved	ug/L	2/5/2024 7:40:00 AM	0.017	0.0002	0.0005	*	2/19/2024 8:30:00 AM	0.011	0.0002	0.0005	*
Mercury, Total	ug/L	2/5/2024 7:40:00 AM	0.04	0.0002	0.0005	--	2/19/2024 8:30:00 AM	0.067	0.0002	0.0005	--
Methyl ethyl ketone	ug/L	2/5/2024 7:40:00 AM	ND	2.7	5	U *	2/19/2024 8:30:00 AM	ND	2.9	5	U *
Methyl isobutyl ketone (MIBK)	ug/L	2/5/2024 7:40:00 AM	ND	0.69	5	U *	2/19/2024 8:30:00 AM	ND	1.6	5	U *
Methyl Mercury	ng/L	2/5/2024 7:40:00 AM	0.27	0.022	0.05	*	2/19/2024 8:30:00 AM	0.38	0.022	0.05	*
Methylene chloride	ug/L	2/5/2024 7:40:00 AM	ND	0.69	2	U *	2/19/2024 8:30:00 AM	ND	0.69	2	U *
Methyl-tert-butyl- Ether (MTBE)	ug/L	2/5/2024 7:40:00 AM	ND	0.052	0.5	U *	2/19/2024 8:30:00 AM	ND	0.14	0.5	U *
Mirex	ug/L	2/5/2024 7:40:00 AM	ND	0.00079	0.0013	U *	2/19/2024 8:30:00 AM	ND	0.00079	0.0013	U *
Molybdenum, dissolved	ug/L	2/5/2024 7:40:00 AM	ND	5.9	50	U *	2/19/2024 8:30:00 AM	ND	5.9	50	U *
Molybdenum, Total	ug/L	2/5/2024 7:40:00 AM	ND	5.9	50	U *	2/19/2024 8:30:00 AM	ND	5.9	50	U *
Monomethylhydrazine	ug/l	2/5/2024 7:40:00 AM	ND	0.62	2	U *	2/19/2024 8:30:00 AM	ND	0.62	2	U *
m-Xylene (reported as m/p-xylene)	ug/L	2/5/2024 7:40:00 AM	ND	0.21	1	U *	2/19/2024 8:30:00 AM	ND	0.21	1	U *
m-Xylene & p-Xylene	ug/L	2/5/2024 7:40:00 AM	ND	0.21	1	U *	2/19/2024 8:30:00 AM	ND	0.21	1	U *
Naphthalene	ug/L	2/5/2024 7:40:00 AM	ND	0.19	1	U *	2/19/2024 8:30:00 AM	ND	0.19	1	U *
n-Butylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.27	1	U *	2/19/2024 8:30:00 AM	ND	0.24	0.5	U *
n-Hexane	ug/L	2/5/2024 7:40:00 AM	ND	2.4	5	U *	2/19/2024 8:30:00 AM	ND	2.4	5	U *
Nickel, dissolved	ug/L	2/5/2024 7:40:00 AM	1.5	0.17	2	J (DNQ*)	2/19/2024 8:30:00 AM	1.9	0.17	2	J (DNQ*)
Nickel, Total	ug/L	2/5/2024 7:40:00 AM	3.2	0.17	2	*	2/19/2024 8:30:00 AM	2.8	0.17	2	*
Nitrate	mg/L	2/5/2024 7:40:00 AM	0.36	0.039	0.2	*	2/19/2024 8:30:00 AM	0.29	0.039	0.2	*
Nitrite-NO2	mg/L	2/5/2024 7:40:00 AM	ND	0.086	0.2	U *	2/19/2024 8:30:00 AM	ND	0.086	0.2	U *
Nitrobenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.19	U *	2/19/2024 8:30:00 AM	ND	0.14	0.19	U *
Nitroglycerin	ug/L	2/5/2024 7:40:00 AM	ND	7.5	20	U *	2/19/2024 8:30:00 AM	ND	7.5	20	U *
n-Nitrosodimethylamine	ug/L	2/5/2024 7:40:00 AM	ND	0.18	0.19	U *	2/19/2024 8:30:00 AM	ND	0.18	0.19	U *
n-Nitrosodi-n-propylamine	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.19	U *	2/19/2024 8:30:00 AM	ND	0.14	0.19	U *
n-Nitrosodiphenylamine	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.19	U *	2/19/2024 8:30:00 AM	ND	0.1	0.19	U *
n-Propylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.07	0.5	U *	2/19/2024 8:30:00 AM	ND	0.18	0.5	U *
o + p Xylene (reported in xylenes)	ug/L	2/5/2024 7:40:00 AM	ND	0.21	1	U *	2/19/2024 8:30:00 AM	ND	0.21	1	U *
o-Chlorotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.12	0.5	U *	2/19/2024 8:30:00 AM	ND	0.23	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
o-Cresol	ug/L	2/5/2024 7:40:00 AM	ND	0.097	0.97	U *	2/19/2024 8:30:00 AM	ND	0.097	0.97	U *
Octachlorodibenzofuran	ug/L	2/5/2024 7:40:00 AM	ND	2.6e-006	0.0001	U (B)	2/19/2024 8:30:00 AM	ND	1.1e-006	0.0001	U (B)
Octachlorodibenzo-p-dioxin	ug/L	2/5/2024 7:40:00 AM	0.00042	3.9e-006	0.0001	--	2/19/2024 8:30:00 AM	0.00084	1.8e-006	0.0001	--
Oil content	mg/L	2/5/2024 7:40:00 AM	ND	0.53	1	U *	2/19/2024 8:30:00 AM	ND	0.5	0.98	U *
Orthophosphate – PO4	mg/L	2/5/2024 7:40:00 AM	0.36	0.35	0.61	J (DNQ*)	2/19/2024 8:30:00 AM	ND	0.35	0.61	U *
o-Xylene	ug/L	2/5/2024 7:40:00 AM	ND	0.088	0.5	U *	2/19/2024 8:30:00 AM	ND	0.088	0.5	U *
p,p'-Methoxychlor	ug/L	2/5/2024 7:40:00 AM	ND	0.0037	0.0067	U *	2/19/2024 8:30:00 AM	ND	0.0037	0.0067	U *
PCB_TEQ_Bird (Coplanar PCBs)	pg/L	2/5/2024 7:40:00 AM	0.0199	NA	NA	*	2/19/2024 8:30:00 AM	0.03962	NA	NA	*
PCB_TEQ_Fish (Coplanar PCBs)	pg/L	2/5/2024 7:40:00 AM	0.001805	NA	NA	*	2/19/2024 8:30:00 AM	0.00361	NA	NA	*
PCB_TEQ_Mammal (Coplanar PCBs)	pg/L	2/5/2024 7:40:00 AM	0.01083	NA	NA	*	2/19/2024 8:30:00 AM	0.02166	NA	NA	*
PCB-105	pg/L	2/5/2024 7:40:00 AM	77	2.9	41	--	2/19/2024 8:30:00 AM	140	8.8	40	--
PCB-114	pg/L	2/5/2024 7:40:00 AM	ND	3.7	41	U	2/19/2024 8:30:00 AM	ND	11	40	U
PCB-118	pg/L	2/5/2024 7:40:00 AM	180	3.1	41	--	2/19/2024 8:30:00 AM	320	9.6	40	--
PCB-123	pg/L	2/5/2024 7:40:00 AM	ND	3.8	41	U	2/19/2024 8:30:00 AM	ND	11	40	U
PCB-126	pg/L	2/5/2024 7:40:00 AM	ND	3.1	20	U	2/19/2024 8:30:00 AM	ND	9.4	20	U
PCB-156	pg/L	2/5/2024 7:40:00 AM	52	1.1	41	--	2/19/2024 8:30:00 AM	110	4.5	40	--
PCB-157	pg/L	2/5/2024 7:40:00 AM	52	1.1	41	--	2/19/2024 8:30:00 AM	110	4.5	40	--
PCB-167	pg/L	2/5/2024 7:40:00 AM	22	0.68	41	J (DNQ)	2/19/2024 8:30:00 AM	42	2.6	40	J (*10)
PCB-169	pg/L	2/5/2024 7:40:00 AM	ND	0.7	20	U	2/19/2024 8:30:00 AM	ND	2.9	20	U
PCB-189	pg/L	2/5/2024 7:40:00 AM	4	0.49	20	J (DNQ)	2/19/2024 8:30:00 AM	ND	6.6	20	U
PCB-194	pg/L	2/5/2024 7:40:00 AM	25	0.6	41	J (DNQ)	2/19/2024 8:30:00 AM	48	7.1	40	--
PCB-77	pg/L	2/5/2024 7:40:00 AM	ND	1.4	20	UJ (*10)	2/19/2024 8:30:00 AM	ND	11	20	U
PCB-81	pg/L	2/5/2024 7:40:00 AM	ND	1.6	20	U	2/19/2024 8:30:00 AM	ND	13	20	U
p-Chloro-m-cresol	ug/L	2/5/2024 7:40:00 AM	ND	0.13	0.97	U *	2/19/2024 8:30:00 AM	ND	0.13	0.97	U *
p-Chlorotoluene	ug/L	2/5/2024 7:40:00 AM	ND	0.097	0.5	U *	2/19/2024 8:30:00 AM	ND	0.24	0.5	U *
p-Cresol (reported as 3/4-Methylphenol)	ug/L	2/5/2024 7:40:00 AM	ND	0.19	1.9	U *	2/19/2024 8:30:00 AM	ND	0.19	1.9	U *
p-Cymene	ug/L	2/5/2024 7:40:00 AM	ND	0.17	0.5	U *	2/19/2024 8:30:00 AM	ND	0.2	0.5	U *
Pentachlorophenol	ug/L	2/5/2024 7:40:00 AM	ND	0.82	0.97	U *	2/19/2024 8:30:00 AM	ND	0.82	0.97	U *
Perchlorate	ug/L	2/5/2024 7:40:00 AM	ND	0.91	2	U *	2/19/2024 8:30:00 AM	ND	0.91	2	U *
Perylene[(o)]	ug/L	2/5/2024 7:40:00 AM	ND	1	1	U*	2/19/2024 8:30:00 AM	ND	1	1	U*
PETN	ug/L	2/5/2024 7:40:00 AM	ND	10	23	U *	2/19/2024 8:30:00 AM	ND	10	23	U *
Phenanthrene	ug/L	2/5/2024 7:40:00 AM	ND	0.16	0.19	U *	2/19/2024 8:30:00 AM	ND	0.16	0.19	U *
Phenol	ug/L	2/5/2024 7:40:00 AM	ND	0.51	0.97	U *	2/19/2024 8:30:00 AM	ND	0.51	0.97	U *
Phosphorus, dissolved	mg/L	2/5/2024 7:40:00 AM	0.15	0.01	0.25	J (DNQ*)	2/19/2024 8:30:00 AM	0.093	0.01	0.25	J (DNQ*)
Phosphorus, Total	mg/L	2/5/2024 7:40:00 AM	0.21	0.01	0.25	J (DNQ*)	2/19/2024 8:30:00 AM	0.17	0.01	0.25	J (DNQ*)
p-Nitroaniline	ug/L	2/5/2024 7:40:00 AM	ND	2	4.9	U *	2/19/2024 8:30:00 AM	ND	2	4.8	U *
Pyrene	ug/L	2/5/2024 7:40:00 AM	ND	0.084	0.19	U *	2/19/2024 8:30:00 AM	ND	0.083	0.19	U *
RDX	ug/L	2/5/2024 7:40:00 AM	ND	0.64	1.4	U *	2/19/2024 8:30:00 AM	ND	0.64	1.4	U *
sec-Butylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.092	0.5	U *	2/19/2024 8:30:00 AM	ND	0.2	0.5	U *
Selenium, dissolved	ug/L	2/5/2024 7:40:00 AM	0.55	0.52	2	J (DNQ*)	2/19/2024 8:30:00 AM	0.55	0.52	2	J (DNQ*)
Selenium, Total	ug/L	2/5/2024 7:40:00 AM	0.57	0.52	2	J (DNQ*)	2/19/2024 8:30:00 AM	ND	0.52	2	U *
Silica, dissolved	mg/L	2/5/2024 7:40:00 AM	8	0.11	0.54	*	2/19/2024 8:30:00 AM	10	0.11	0.54	*
Silver, dissolved	ug/L	2/5/2024 7:40:00 AM	ND	0.23	1	U *	2/19/2024 8:30:00 AM	ND	0.23	1	U *
Silver, Total	ug/L	2/5/2024 7:40:00 AM	ND	0.23	1	U *	2/19/2024 8:30:00 AM	ND	0.23	1	U *
Strontium, dissolved	ug/L	2/5/2024 7:40:00 AM	28	1.8	10	*	2/19/2024 8:30:00 AM	100	1.8	10	*
Strontium, Total	ug/L	2/5/2024 7:40:00 AM	36	1.8	10	*	2/19/2024 8:30:00 AM	120	1.8	10	*
Styrene	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.5	U *	2/19/2024 8:30:00 AM	ND	0.27	0.5	U *
Sulfate	mg/L	2/5/2024 7:40:00 AM	1.5	0.37	2	J (DNQ*)	2/19/2024 8:30:00 AM	8.8	0.37	2	*
tert-Butylbenzene	ug/L	2/5/2024 7:40:00 AM	ND	0.2	0.5	U *	2/19/2024 8:30:00 AM	ND	0.21	0.5	U *
Tetrachloroethene	ug/L	2/5/2024 7:40:00 AM	ND	0.099	0.5	U *	2/19/2024 8:30:00 AM	ND	0.099	0.5	U *
Tetryl	ug/L	2/5/2024 7:40:00 AM	ND	0.4	1.6	U *	2/19/2024 8:30:00 AM	ND	0.4	1.6	U *
Thallium, dissolved	ug/L	2/5/2024 7:40:00 AM	ND	0.11	1	U *	2/19/2024 8:30:00 AM	ND	0.11	1	U *
Thallium, Total	ug/L	2/5/2024 7:40:00 AM	ND	0.11	1	U *	2/19/2024 8:30:00 AM	ND	0.11	1	U *
Tin, Total	mg/L	2/5/2024 7:40:00 AM	ND	0.02	0.1	U *	2/19/2024 8:30:00 AM	ND	0.02	0.1	U *
Titanium, dissolved	ug/L	2/5/2024 7:40:00 AM	5.2	0.39	50	J (DNQ*)	2/19/2024 8:30:00 AM	2.3	0.39	50	J (DNQ*)
Titanium, Total	ug/L	2/5/2024 7:40:00 AM	92	0.39	50	*	2/19/2024 8:30:00 AM	63	0.39	50	*
Toluene	ug/L	2/5/2024 7:40:00 AM	ND	0.073	0.5	U *	2/19/2024 8:30:00 AM	ND	0.073	0.5	U *
Toxaphene	ug/L	2/5/2024 7:40:00 AM	ND	0.054	0.067	U *	2/19/2024 8:30:00 AM	ND	0.054	0.067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 011 (INF-001)					SWTS 011 (INF-001)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
TPH-Diesel Range Organics (DRO)	mg/L	2/5/2024 7:40:00 AM	ND	0.035	0.049	U *	2/19/2024 8:30:00 AM	0.092	0.036	0.05	*
TPH-Gasoline Range Organics (GRO)	ug/L	2/5/2024 7:40:00 AM	ND	29	50	U *	2/19/2024 8:30:00 AM	ND	29	50	U *
TPH-Kerosene Range Organics (KRO)	ug/L	2/5/2024 7:40:00 AM	ND	35	49	U *	2/19/2024 8:30:00 AM	110	36	50	*
TPH-Oil Range Organics (ORO)	ug/L	2/5/2024 7:40:00 AM	68	65	240	J (DNQ*)	2/19/2024 8:30:00 AM	92	66	250	J (DNQ*)
trans-1,2-Dichloroethene	ug/L	2/5/2024 7:40:00 AM	ND	0.14	0.5	U *	2/19/2024 8:30:00 AM	ND	0.14	0.5	U *
trans-1,3-Dichloropropene	ug/L	2/5/2024 7:40:00 AM	ND	0.11	0.5	U *	2/19/2024 8:30:00 AM	ND	0.11	0.5	U *
Trichloroethene	ug/L	2/5/2024 7:40:00 AM	ND	0.1	0.5	U *	2/19/2024 8:30:00 AM	ND	0.1	0.5	U *
Trichlorofluoromethane	ug/L	2/5/2024 7:40:00 AM	ND	0.2	0.5	U *	2/19/2024 8:30:00 AM	ND	0.26	0.5	U *
Triethylene glycol	mg/L	2/5/2024 7:40:00 AM	ND	27	56	U *	2/19/2024 8:30:00 AM	ND	27	56	U *
Vanadium, dissolved	ug/L	2/5/2024 7:40:00 AM	1	0.17	2	J (DNQ*)	2/19/2024 8:30:00 AM	1.1	0.17	2	J (DNQ*)
Vanadium, Total	ug/L	2/5/2024 7:40:00 AM	5.7	0.17	2	*	2/19/2024 8:30:00 AM	3.6	0.17	2	*
Vinyl chloride	ug/L	2/5/2024 7:40:00 AM	ND	0.15	0.5	U *	2/19/2024 8:30:00 AM	ND	0.15	0.5	U *
Xylenes, Total	ug/L	2/5/2024 7:40:00 AM	ND	0.21	1	U *	2/19/2024 8:30:00 AM	ND	0.21	1	U *
Zinc, dissolved	ug/L	2/5/2024 7:40:00 AM	5.1	2.8	20	J (DNQ*)	2/19/2024 8:30:00 AM	5.2	2.8	20	J (DNQ*)
Zinc, Total	ug/L	2/5/2024 7:40:00 AM	20	2.8	20	*	2/19/2024 8:30:00 AM	20	2.8	20	*
Zirconium, Total	mg/L	2/5/2024 7:40:00 AM	ND	0.022	0.1	U *	2/19/2024 8:30:00 AM	ND	0.022	0.1	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 018 (INF-002)					SWTS 018 (INF-002)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
1,1,1,2-Tetrachloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
1,1,1-Trichloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.25	0.5	U *	2/2/2024 7:15:00 AM	ND	0.25	0.5	U *
1,1,2,2-Tetrachloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.2	0.5	U *	2/2/2024 7:15:00 AM	ND	0.2	0.5	U *
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.33	2	U *	2/2/2024 7:15:00 AM	ND	0.33	2	U *
1,1,2-Trichloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
1,1-Dichloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.39	0.5	U *	2/2/2024 7:15:00 AM	ND	0.39	0.5	U *
1,1-Dichloroethene	ug/L	1/2/2024 7:30:00 AM	ND	0.33	0.5	U *	2/2/2024 7:15:00 AM	ND	0.33	0.5	U *
1,1-Dichloropropene	ug/L	1/2/2024 7:30:00 AM	ND	0.22	0.5	U *	2/2/2024 7:15:00 AM	ND	0.22	0.5	U *
1,1-Dimethylhydrazine	ug/L	1/2/2024 7:30:00 AM	ND	0.58	1	U *	2/2/2024 7:15:00 AM	ND	0.58	2	U *
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.4e-006	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	2.7e-006	5.1e-005	U (B)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	4.8e-007	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	9.2e-007	5.1e-005	U (B)
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.5e-006	4.8e-005	U	2/2/2024 7:15:00 AM	ND	2e-006	5.1e-005	U
1,2,3,4,7,8-Hexachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.2e-006	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	1.8e-006	5.1e-005	U (B)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	1.5e-006	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	3.5e-006	5.1e-005	U
1,2,3,6,7,8-Hexachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1e-006	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	2.2e-006	5.1e-005	U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	1.6e-006	4.8e-005	U	2/2/2024 7:15:00 AM	ND	3.7e-006	5.1e-005	U
1,2,3,7,8,9-Hexachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.1e-006	4.8e-005	U	2/2/2024 7:15:00 AM	ND	1.7e-006	5.1e-005	U (B)
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	1.5e-006	4.8e-005	U (B)	2/2/2024 7:15:00 AM	ND	2.8e-006	5.1e-005	U
1,2,3,7,8-Pentachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	9e-007	4.8e-005	U	2/2/2024 7:15:00 AM	ND	1.7e-006	5.1e-005	U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	1.4e-006	4.8e-005	U	2/2/2024 7:15:00 AM	ND	3e-006	5.1e-005	U
1,2,3-Trichlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.19	1	U *	2/2/2024 7:15:00 AM	ND	0.19	1	U *
1,2,3-Trichloropropane	ug/L	1/2/2024 7:30:00 AM	ND	0.31	1	U *	2/2/2024 7:15:00 AM	ND	0.31	1	U *
1,2,4-Trichlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.29	1	U *	2/2/2024 7:15:00 AM	ND	0.29	1	U *
1,2,4-Trimethylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.28	0.5	U *	2/2/2024 7:15:00 AM	ND	0.28	0.5	U *
1,2-Dibromo-3-chloropropane	ug/L	1/2/2024 7:30:00 AM	ND	0.51	1	U *	2/2/2024 7:15:00 AM	ND	0.51	1	U *
1,2-Dibromoethane	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
1,2-Dichlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.16	0.5	U *	2/2/2024 7:15:00 AM	ND	0.16	0.5	U *
1,2-Dichloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.5	U *	2/2/2024 7:15:00 AM	ND	0.15	0.5	U *
1,2-Dichloropropane	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
1,2-Diphenylhydrazine	ug/L	1/2/2024 7:30:00 AM	ND	0.088	0.19	U *	2/2/2024 7:15:00 AM	ND	0.092	0.2	U *
1,3,5-Trimethylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
1,3-Dichlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.16	0.5	U *	2/2/2024 7:15:00 AM	ND	0.16	0.5	U *
1,3-Dichloropropane	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
1,3-Dinitrobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.4	1	U *	2/2/2024 7:15:00 AM	ND	0.4	1	U *
1,4-Dichlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.5	U *
1,4-Dioxane	ug/L	1/2/2024 7:30:00 AM	ND	0.55	1	U *	2/2/2024 7:15:00 AM	ND	0.55	1	U *
1-Methyl naphthalene	ug/L	1/2/2024 7:30:00 AM	ND	0.1	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
2,2-Dichloro-1,1,1-trifluoroethane	ug/L	1/2/2024 7:30:00 AM	ND	5	10	U *	2/2/2024 7:15:00 AM	ND	5	10	U *
2,3,4,6,7,8-Hexachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	9.8e-007	4.8e-005	U	2/2/2024 7:15:00 AM	ND	1.3e-006	5.1e-005	U
2,3,4,7,8-Pentachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.1e-006	4.8e-005	U	2/2/2024 7:15:00 AM	ND	2e-006	5.1e-005	U
2,3,7,8-TCDD	ug/L	1/2/2024 7:30:00 AM	ND	8.6e-007	9.6e-006	U	2/2/2024 7:15:00 AM	ND	1.8e-006	1e-005	U
2,3,7,8-TCDD_TEQ_Bird	ug/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	ND	0	0	U*
2,3,7,8-TCDD_TEQ_Fish	ug/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	ND	0	0	U*
2,3,7,8-TCDD_TEQ_Mammal	ug/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	ND	0	0	U*
2,3,7,8-Tetrachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.6e-007	9.6e-006	U	2/2/2024 7:15:00 AM	ND	1.3e-006	1e-005	U
2,4,5-T	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
2,4,5-TP (Silvex)	ug/L	1/2/2024 7:30:00 AM	ND	0.14	0.5	U *	2/2/2024 7:15:00 AM	ND	0.14	0.5	U *
2,4,5-Trichlorophenol	ug/L	1/2/2024 7:30:00 AM	ND	2.3	4.9	U *	2/2/2024 7:15:00 AM	ND	2.4	5.1	U *
2,4,6-Trichlorophenol	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.97	U *	2/2/2024 7:15:00 AM	ND	0.14	1	U *
2,4,6-Trinitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	1.8	3.7	U *	2/2/2024 7:15:00 AM	ND	1.8	3.7	U *
2,4-diamino-6-nitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	1	2.1	U *	2/2/2024 7:15:00 AM	ND	1	2.1	U *
2,4-Dichlorophenol	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.97	U *	2/2/2024 7:15:00 AM	ND	0.14	1	U *
2,4-Dichlorophenoxyacetic Acid (2,4-D)	ug/L	1/2/2024 7:30:00 AM	ND	2	5	U *	2/2/2024 7:15:00 AM	ND	2	5	U *
2,4-Dichlorophenoxybutyric acid	ug/L	1/2/2024 7:30:00 AM	ND	3.5	5	U *	2/2/2024 7:15:00 AM	ND	3.5	5	U *
2,4-Dimethylphenol	ug/L	1/2/2024 7:30:00 AM	ND	0.12	0.19	U *	2/2/2024 7:15:00 AM	ND	0.13	0.2	U *
2,4-Dinitrophenol	ug/L	1/2/2024 7:30:00 AM	ND	4.2	4.9	U *	2/2/2024 7:15:00 AM	ND	4.3	5.1	U *
2,4-Dinitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.11	0.19	U *	2/2/2024 7:15:00 AM	ND	0.12	0.2	U *
2,4-DP (Dichlorprop)	ug/L	1/2/2024 7:30:00 AM	ND	2	5	U *	2/2/2024 7:15:00 AM	ND	2	5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION DATE RANGE		SWTS 018 (INF-002) First Sample					SWTS 018 (INF-002) Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
2,6-Dinitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.19	U *	2/2/2024 7:15:00 AM	ND	0.18	0.2	U *
2-Amino-4,6-dinitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.43	0.85	U *	2/2/2024 7:15:00 AM	ND	0.43	0.85	U *
2-Chloroethylvinyl ether	ug/L	1/2/2024 7:30:00 AM	ND	0.19	5	U *	2/2/2024 7:15:00 AM	ND	1.1	2	U*
2-Chloronaphthalene	ug/L	1/2/2024 7:30:00 AM	ND	0.14	0.19	U *	2/2/2024 7:15:00 AM	ND	0.15	0.2	U *
2-Chlorophenol	ug/L	1/2/2024 7:30:00 AM	ND	0.093	0.19	U *	2/2/2024 7:15:00 AM	ND	0.097	0.2	U *
2-Hexanone	ug/L	1/2/2024 7:30:00 AM	ND	2.2	5	U *	2/2/2024 7:15:00 AM	ND	2.2	5	U *
2-Methylnaphthalene	ug/L	1/2/2024 7:30:00 AM	ND	0.099	0.19	U *	2/2/2024 7:15:00 AM	ND	0.1	0.2	U *
2-n-Butoxyethanol	ug/L	1/2/2024 7:30:00 AM	ND	1	3.8	U *	2/2/2024 7:15:00 AM	ND	1.1	4.1	U *
2-Nitrophenol	ug/L	1/2/2024 7:30:00 AM	ND	3.4	4.9	U *	2/2/2024 7:15:00 AM	ND	3.5	5.1	U *
2-Nitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.43	0.9	U *	2/2/2024 7:15:00 AM	ND	0.43	0.9	U *
3,3'-Dichlorobenzidine	ug/L	1/2/2024 7:30:00 AM	ND	2.9	4.9	U *	2/2/2024 7:15:00 AM	ND	3	5.1	U *
3,5-Dimethylphenol	ug/L	1/2/2024 7:30:00 AM	ND	11	22	U *	2/2/2024 7:15:00 AM	ND	10	21	U *
3-Nitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.38	0.8	U *	2/2/2024 7:15:00 AM	ND	0.38	0.8	U *
4,4'-DDD	ug/L	1/2/2024 7:30:00 AM	ND	0.014	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0044	0.0067	U *
4,4'-DDE	ug/L	1/2/2024 7:30:00 AM	ND	0.009	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0019	0.0033	U *
4,4'-DDT	ug/L	1/2/2024 7:30:00 AM	ND	0.014	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0016	0.0033	U *
4,6-Dinitro-o-cresol	ug/L	1/2/2024 7:30:00 AM	ND	4.4	4.9	U *	2/2/2024 7:15:00 AM	ND	4.6	5.1	U *
4-Amino-2,6-dinitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.92	2	U *	2/2/2024 7:15:00 AM	ND	0.92	2	U *
4-Bromophenyl phenyl ether	ug/L	1/2/2024 7:30:00 AM	ND	0.097	0.19	U *	2/2/2024 7:15:00 AM	ND	0.1	0.2	U *
4-Chlorophenylphenyl ether	ug/L	1/2/2024 7:30:00 AM	ND	0.16	0.19	U *	2/2/2024 7:15:00 AM	ND	0.17	0.2	U *
4-Nitrophenol	ug/L	1/2/2024 7:30:00 AM	ND	3.3	4.9	U *	2/2/2024 7:15:00 AM	ND	3.4	5.1	U *
4-Nitrotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.44	0.9	U *	2/2/2024 7:15:00 AM	ND	0.44	0.9	U *
Acenaphthene	ug/L	1/2/2024 7:30:00 AM	ND	0.096	0.19	U *	2/2/2024 7:15:00 AM	ND	0.099	0.2	U *
Acenaphthylene	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.19	U *	2/2/2024 7:15:00 AM	ND	0.13	0.2	U *
Acetic Acid	ug/L	1/2/2024 7:30:00 AM	ND	630	4000	U *	2/2/2024 7:15:00 AM	ND	630	4000	U *
Acetone	ug/L	1/2/2024 7:30:00 AM	ND	16	20	U *	2/2/2024 7:15:00 AM	ND	16	20	U *
Acrolein	ug/L	1/2/2024 7:30:00 AM	ND	4.6	5	U *	2/2/2024 7:15:00 AM	ND	4.6	5	U *
Acrylonitrile	ug/L	1/2/2024 7:30:00 AM	ND	1.4	2	U *	2/2/2024 7:15:00 AM	ND	1.4	2	U *
Aldrin	ug/L	1/2/2024 7:30:00 AM	ND	0.005	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0031	0.0033	U *
alpha-BHC	ug/L	1/2/2024 7:30:00 AM	ND	0.012	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0012	0.0013	U *
Aluminum, dissolved	mg/L	1/2/2024 7:30:00 AM	0.067	0.0086	0.015	--	2/2/2024 7:15:00 AM	0.089	0.0086	0.015	--
Aluminum, Total	mg/L	1/2/2024 7:30:00 AM	0.12	0.0086	0.015	--	2/2/2024 7:15:00 AM	0.69	0.0086	0.015	--
Ammonia-N	mg/L	1/2/2024 7:30:00 AM	0.21	0.029	0.075	*	2/2/2024 7:15:00 AM	0.062	0.029	0.075	J (DNQ*)
Anthracene	ug/L	1/2/2024 7:30:00 AM	ND	0.082	0.19	U *	2/2/2024 7:15:00 AM	ND	0.085	0.2	U *
Antimony, dissolved	ug/L	1/2/2024 7:30:00 AM	0.5	0.36	2	J (DNQ)	2/2/2024 7:15:00 AM	0.6	0.36	2	J (DNQ*)
Antimony, Total	ug/L	1/2/2024 7:30:00 AM	0.4	0.36	2	J (DNQ)	2/2/2024 7:15:00 AM	ND	0.36	2	U *
Aroclor 1016	ug/L	1/2/2024 7:30:00 AM	ND	0.044	0.1	U *	2/2/2024 7:15:00 AM	ND	0.044	0.1	U *
Aroclor 1221	ug/L	1/2/2024 7:30:00 AM	ND	0.044	0.1	U *	2/2/2024 7:15:00 AM	ND	0.044	0.1	U *
Aroclor 1232	ug/L	1/2/2024 7:30:00 AM	ND	0.044	0.1	U *	2/2/2024 7:15:00 AM	ND	0.044	0.1	U *
Aroclor 1242	ug/L	1/2/2024 7:30:00 AM	ND	0.044	0.1	U *	2/2/2024 7:15:00 AM	ND	0.044	0.1	U *
Aroclor 1248	ug/L	1/2/2024 7:30:00 AM	ND	0.044	0.1	U *	2/2/2024 7:15:00 AM	ND	0.044	0.1	U *
Aroclor 1254	ug/L	1/2/2024 7:30:00 AM	ND	0.052	0.1	U *	2/2/2024 7:15:00 AM	ND	0.052	0.1	U *
Aroclor 1260	ug/L	1/2/2024 7:30:00 AM	ND	0.052	0.1	U *	2/2/2024 7:15:00 AM	ND	0.052	0.1	U *
Arsenic, dissolved	ug/L	1/2/2024 7:30:00 AM	2	0.16	1	--	2/2/2024 7:15:00 AM	1.1	0.16	1	--
Arsenic, Total	ug/L	1/2/2024 7:30:00 AM	2.1	0.16	1	--	2/2/2024 7:15:00 AM	1.4	0.16	1	--
Barium, dissolved	mg/L	1/2/2024 7:30:00 AM	0.021	0.00017	0.001	--	2/2/2024 7:15:00 AM	0.016	0.00017	0.001	--
Barium, Total	mg/L	1/2/2024 7:30:00 AM	0.023	0.00017	0.001	--	2/2/2024 7:15:00 AM	0.023	0.00017	0.001	--
Benzene	ug/L	1/2/2024 7:30:00 AM	ND	0.28	0.5	U *	2/2/2024 7:15:00 AM	ND	0.28	0.5	U *
Benzidine	ug/L	1/2/2024 7:30:00 AM	ND	2.6	4.9	U *	2/2/2024 7:15:00 AM	ND	2.7	5.1	U *
Benzo(a)anthracene	ug/L	1/2/2024 7:30:00 AM	ND	0.12	0.19	U *	2/2/2024 7:15:00 AM	ND	0.12	0.2	U *
Benzo(a)pyrene	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.19	U *	2/2/2024 7:15:00 AM	ND	0.15	0.2	U *
Benzo(b)fluoranthene	ug/L	1/2/2024 7:30:00 AM	ND	0.11	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
Benzo(e)pyrene	ug/L	1/2/2024 7:30:00 AM	ND	3	10	U *	2/2/2024 7:15:00 AM	ND	3	10	U *
Benzo(ghi)perylene	ug/L	1/2/2024 7:30:00 AM	ND	0.1	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
Benzo(k)fluoranthene	ug/L	1/2/2024 7:30:00 AM	ND	0.11	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
Benzoic acid	ug/L	1/2/2024 7:30:00 AM	ND	5.9	9.7	U *	2/2/2024 7:15:00 AM	ND	6.1	10	U *
Benzyl alcohol	ug/L	1/2/2024 7:30:00 AM	0.48	0.31	0.97	J (DNQ*)	2/2/2024 7:15:00 AM	0.86	0.32	0.1	J (DNQ*)
Beryllium, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	0.26	0.5	U	2/2/2024 7:15:00 AM	ND	0.26	0.5	U

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 018 (INF-002)					SWTS 018 (INF-002)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Beryllium, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.26	0.5	U	2/2/2024 7:15:00 AM	ND	0.26	0.5	U
beta-BHC	ug/L	1/2/2024 7:30:00 AM	ND	0.0075	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0039	0.005	U *
Biphenyl	ug/L	1/2/2024 7:30:00 AM	ND	1.4	10	U *	2/2/2024 7:15:00 AM	ND	1.4	10	U *
bis(2-Chloroethoxy)methane	ug/L	1/2/2024 7:30:00 AM	ND	0.1	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
bis(2-Chloroethyl) ether	ug/L	1/2/2024 7:30:00 AM	ND	0.4	1.9	U *	2/2/2024 7:15:00 AM	ND	0.4	1.9	U *
bis(2-Chloroisopropyl)ether	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.19	U *	2/2/2024 7:15:00 AM	ND	0.13	0.2	U *
bis(2-Ethylhexyl) phthalate	ug/L	1/2/2024 7:30:00 AM	ND	3.5	4.9	U *	2/2/2024 7:15:00 AM	ND	3.6	5.1	U *
Boron, dissolved	mg/L	1/2/2024 7:30:00 AM	0.044	0.0035	0.5	J (DNQ)	2/2/2024 7:15:00 AM	0.036	0.0035	0.5	J (DNQ)
Boron, Total	mg/L	1/2/2024 7:30:00 AM	0.053	0.0035	0.5	J (DNQ)	2/2/2024 7:15:00 AM	0.041	0.0035	0.5	J (DNQ)
Bromide	ug/L	1/2/2024 7:30:00 AM	ND	410	1000	U *	2/2/2024 7:15:00 AM	ND	41	100	U *
Bromobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.23	0.5	U *	2/2/2024 7:15:00 AM	ND	0.23	0.5	U *
Bromochloromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
Bromodichloromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
Bromoform	ug/L	1/2/2024 7:30:00 AM	ND	0.25	1	U *	2/2/2024 7:15:00 AM	ND	0.25	1	U *
Bromomethane	ug/L	1/2/2024 7:30:00 AM	ND	0.22	0.5	U *	2/2/2024 7:15:00 AM	ND	0.22	0.5	U *
Butyl benzyl phthalate	ug/L	1/2/2024 7:30:00 AM	ND	0.65	0.97	U *	2/2/2024 7:15:00 AM	ND	0.68	1	U *
Cadmium, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	0.13	1	U	2/2/2024 7:15:00 AM	ND	0.13	1	U *
Cadmium, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.13	1	U	2/2/2024 7:15:00 AM	ND	0.13	1	U *
Carbazole	ug/L	1/2/2024 7:30:00 AM	ND	0.51	1.9	U *	2/2/2024 7:15:00 AM	ND	0.51	1.9	U *
Carbon Disulfide	ug/L	1/2/2024 7:30:00 AM	ND	0.61	1	U *	2/2/2024 7:15:00 AM	ND	0.61	1	U *
Carbon Tetrachloride	ug/L	1/2/2024 7:30:00 AM	ND	0.28	0.5	U *	2/2/2024 7:15:00 AM	ND	0.28	0.5	U *
Chlordane (Technical)	ug/L	1/2/2024 7:30:00 AM	ND	0.22	0.25	U *	2/2/2024 7:15:00 AM	ND	0.026	0.033	U *
Chloride	mg/L	1/2/2024 7:30:00 AM	8.8	3.6	10	J (DNQ*)	2/2/2024 7:15:00 AM	5.8	0.36	1	*
Chlorine, total residual	Field measurement	1/2/2024 7:30:00 AM	0.11	NM	NM	*	2/2/2024 7:15:00 AM [(l)]	0.02	NM	NM	*
Chlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
Chloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.29	1	U *	2/2/2024 7:15:00 AM	ND	0.29	1	U *
Chloroform	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
Chloromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.3	0.5	U *	2/2/2024 7:15:00 AM	ND	0.3	0.5	U *
Chromium, dissolved	ug/L	1/2/2024 7:30:00 AM	0.39	0.14	2	J (DNQ)	2/2/2024 7:15:00 AM	0.34	0.14	2	J (DNQ*)
Chromium, Total	ug/L	1/2/2024 7:30:00 AM	0.44	0.14	2	J (DNQ)	2/2/2024 7:15:00 AM	1.4	0.14	2	J (DNQ*)
Chrysene	ug/L	1/2/2024 7:30:00 AM	ND	0.11	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
cis-1,2-Dichloroethene	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
cis-1,3-Dichloropropene	ug/L	1/2/2024 7:30:00 AM	ND	0.3	0.5	U *	2/2/2024 7:15:00 AM	ND	0.3	0.5	U *
Cobalt, dissolved	ug/L	1/2/2024 7:30:00 AM	0.2	0.14	1	J (DNQ)	2/2/2024 7:15:00 AM	ND	0.14	1	U
Cobalt, Total	ug/L	1/2/2024 7:30:00 AM	0.22	0.14	1	J (DNQ)	2/2/2024 7:15:00 AM	0.39	0.14	1	J (DNQ)
Copper, dissolved	ug/L	1/2/2024 7:30:00 AM	2	0.32	2	--	2/2/2024 7:15:00 AM	3.6	0.32	2	*
Copper, Total	ug/L	1/2/2024 7:30:00 AM	2.3	0.32	2	--	2/2/2024 7:15:00 AM	3.5	0.32	2	*
Cumene	ug/L	1/2/2024 7:30:00 AM	ND	0.16	0.5	U *	2/2/2024 7:15:00 AM	ND	0.16	0.5	U *
Cyanides	ug/L	1/2/2024 7:30:00 AM	ND	2.5	5	U *	2/2/2024 7:15:00 AM	ND	2.5	5	U *
Dalapon	ug/L	1/2/2024 7:30:00 AM	ND	4.7	12	U *	2/2/2024 7:15:00 AM	ND	4.7	13	U *
delta-BHC	ug/L	1/2/2024 7:30:00 AM	ND	0.0095	0.25	U *	2/2/2024 7:15:00 AM	ND	0.002	0.0033	U *
Dibenzo(a,h)anthracene	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.19	U *	2/2/2024 7:15:00 AM	ND	0.16	0.2	U *
Dibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	0.095	0.19	U *	2/2/2024 7:15:00 AM	ND	0.099	0.2	U *
Dibromochloromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.5	U *	2/2/2024 7:15:00 AM	ND	0.15	0.5	U *
Dibromomethane	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
Dicamba	ug/L	1/2/2024 7:30:00 AM	ND	0.28	0.5	U *	2/2/2024 7:15:00 AM	ND	0.29	0.5	U *
Dichlorodifluoromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.46	1	U *	2/2/2024 7:15:00 AM	ND	0.46	1	U *
Dieldrin	ug/L	1/2/2024 7:30:00 AM	ND	0.0085	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0013	0.0033	U *
Diethyl phthalate	ug/L	1/2/2024 7:30:00 AM	ND	0.18	1.9	U *	2/2/2024 7:15:00 AM	ND	0.18	2	U *
Diethylene Glycol	ug/L	1/2/2024 7:30:00 AM	ND	26000	52000	U *	2/2/2024 7:15:00 AM	ND	26000	52000	U *
Dimethyl phthalate	ug/L	1/2/2024 7:30:00 AM	ND	0.095	1.9	U *	2/2/2024 7:15:00 AM	ND	0.099	2	U *
Di-n-butyl phthalate	ug/L	1/2/2024 7:30:00 AM	ND	1.8	1.9	U *	2/2/2024 7:15:00 AM	ND	1.9	2	U *
Di-n-octyl phthalate	ug/L	1/2/2024 7:30:00 AM	ND	0.52	2.9	U *	2/2/2024 7:15:00 AM	ND	0.54	3	U *
Dinoseb	ug/L	1/2/2024 7:30:00 AM	ND	2.2	2.5	U *	2/2/2024 7:15:00 AM	ND	2.2	2.5	U *
Diphenyl ether	ug/L	1/2/2024 7:30:00 AM	ND	0.75	5	U *	2/2/2024 7:15:00 AM	ND	0.75	5	U *
Endosulfan I	ug/L	1/2/2024 7:30:00 AM	ND	0.0095	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0013	0.0013	U *
Endosulfan II	ug/L	1/2/2024 7:30:00 AM	ND	0.0095	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0041	0.0067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 018 (INF-002)					SWTS 018 (INF-002)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
Endosulfan sulfate	ug/L	1/2/2024 7:30:00 AM	ND	0.015	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0014	0.0033	U *
Endrin	ug/L	1/2/2024 7:30:00 AM	ND	0.0085	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0023	0.0033	U *
Endrin aldehyde	ug/L	1/2/2024 7:30:00 AM	ND	0.0095	0.25	U *	2/2/2024 7:15:00 AM	ND	0.024	0.033	U *
Endrin ketone	ug/L	1/2/2024 7:30:00 AM	ND	0.0021	0.0033	U *	2/2/2024 7:15:00 AM	ND	0.0021	0.0033	U *
Ethylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.25	0.5	U *	2/2/2024 7:15:00 AM	ND	0.25	0.5	U *
Fluoranthene	ug/L	1/2/2024 7:30:00 AM	ND	0.098	0.19	U *	2/2/2024 7:15:00 AM	ND	0.1	0.2	U *
Fluorene	ug/L	1/2/2024 7:30:00 AM	ND	0.092	0.19	U *	2/2/2024 7:15:00 AM	ND	0.096	0.2	U *
Fluoride	mg/L	1/2/2024 7:30:00 AM	ND	0.46	1	U *	2/2/2024 7:15:00 AM	0.14	0.046	0.1	*
Formaldehyde	ug/L	1/2/2024 7:30:00 AM	ND	7.8	10	U *	2/2/2024 7:15:00 AM	ND	7.8	10	U *
gamma-BHC	ug/L	1/2/2024 7:30:00 AM	ND	0.0075	0.25	U *	2/2/2024 7:15:00 AM	ND	0.00066	0.0013	U *
Heptachlor	ug/L	1/2/2024 7:30:00 AM	ND	0.012	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0012	0.0013	U *
Heptachlor epoxide	ug/L	1/2/2024 7:30:00 AM	ND	0.009	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0039	0.0067	U *
Hexachlorobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.19	U *	2/2/2024 7:15:00 AM	ND	0.14	0.2	U *
Hexachlorobutadiene	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
Hexachlorocyclopentadiene	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.19	U *	2/2/2024 7:15:00 AM	ND	0.15	0.2	U *
Hexachloroethane	ug/L	1/2/2024 7:30:00 AM	ND	0.12	0.19	U *	2/2/2024 7:15:00 AM	ND	0.13	0.2	U *
Hexavalent Chromium, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.051	0.2	U *	2/2/2024 7:15:00 AM	0.07	0.051	0.2	J (DNQ*)
HMX	ug/L	1/2/2024 7:30:00 AM	ND	0.7	1.6	U *	2/2/2024 7:15:00 AM	ND	0.7	1.6	U *
Hydrazine	ug/L	1/2/2024 7:30:00 AM	ND	0.4	1	U *	2/2/2024 7:15:00 AM	ND	0.4	1	U *
Indeno(1,2,3-cd)pyrene	ug/L	1/2/2024 7:30:00 AM	ND	0.12	0.19	U *	2/2/2024 7:15:00 AM	ND	0.13	0.2	U *
Isophorone	ug/L	1/2/2024 7:30:00 AM	ND	0.096	0.19	U *	2/2/2024 7:15:00 AM	ND	0.1	0.2	U *
Isopropanol	ug/L	1/2/2024 7:30:00 AM	ND	18	40	U *	2/2/2024 7:15:00 AM	ND	18	40	U *
Lead, dissolved	ug/L	1/2/2024 7:30:00 AM	0.14	0.12	1	J (DNQ)	2/2/2024 7:15:00 AM	0.48	0.12	1	J (DNQ*)
Lead, Total	ug/L	1/2/2024 7:30:00 AM	0.22	0.12	1	J (DNQ)	2/2/2024 7:15:00 AM	1.1	0.12	1	*
Lithium, Total	mg/L	1/2/2024 7:30:00 AM	ND	0.026	0.05	U	2/2/2024 7:15:00 AM	ND	0.026	0.05	U
Manganese, dissolved	ug/L	1/2/2024 7:30:00 AM	230	0.41	1	--	2/2/2024 7:15:00 AM	3.2	0.41	1	--
Manganese, Total	ug/L	1/2/2024 7:30:00 AM	250	0.41	1	--	2/2/2024 7:15:00 AM	84	0.41	1	--
MCPA	ug/L	1/2/2024 7:30:00 AM	ND	350	500	U *	2/2/2024 7:15:00 AM	ND	350	500	U *
MCPP	ug/L	1/2/2024 7:30:00 AM	ND	300	500	U *	2/2/2024 7:15:00 AM	ND	310	500	U *
m-Cresol (reported as 3/4-Methylphenol)	ug/L	1/2/2024 7:30:00 AM	ND	0.19	1.9	U *	2/2/2024 7:15:00 AM	ND	0.2	2	U *
Mercury, dissolved	ug/L	1/2/2024 7:30:00 AM	0.0067	0.0002	0.0005	*	2/2/2024 7:15:00 AM	0.0067	0.0002	0.0005	*
Mercury, Total	ug/L	1/2/2024 7:30:00 AM	0.0085	0.0002	0.0005	*	2/2/2024 7:15:00 AM	0.012	0.0002	0.0005	*
Methyl ethyl ketone	ug/L	1/2/2024 7:30:00 AM	ND	2.5	5	U *	2/2/2024 7:15:00 AM	ND	2.5	5	U *
Methyl isobutyl ketone (MIBK)	ug/L	1/2/2024 7:30:00 AM	ND	2.6	5	U *	2/2/2024 7:15:00 AM	ND	2.6	5	U *
Methyl Mercury	ng/L	1/2/2024 7:30:00 AM	0.83	0.022	0.05	*	2/2/2024 7:15:00 AM	0.35	0.022	0.05	*
Methylene chloride	ug/L	1/2/2024 7:30:00 AM	ND	0.57	2	U *	2/2/2024 7:15:00 AM	ND	0.57	2	U *
Methyl-tert-butyl- Ether (MTBE)	ug/L	1/2/2024 7:30:00 AM	ND	0.22	0.5	U *	2/2/2024 7:15:00 AM	ND	0.22	0.5	U *
Mirex	ug/L	1/2/2024 7:30:00 AM	ND	0.00079	0.0013	U *	2/2/2024 7:15:00 AM	ND	0.00079	0.0013	U *
Molybdenum, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	5.9	50	U	2/2/2024 7:15:00 AM	ND	5.9	50	U
Molybdenum, Total	ug/L	1/2/2024 7:30:00 AM	ND	5.9	50	U	2/2/2024 7:15:00 AM	ND	5.9	50	U
Monomethylhydrazine	ug/l	1/2/2024 7:30:00 AM	ND	0.62	1	U *	2/2/2024 7:15:00 AM	ND	0.62	2	U*
m-Xylene (reported as m/p-xylene)	ug/L	1/2/2024 7:30:00 AM	ND	0.17	1	U *	2/2/2024 7:15:00 AM	ND	0.17	1	U *
m-Xylene & p-Xylene	ug/L	1/2/2024 7:30:00 AM	ND	0.17	1	U *	2/2/2024 7:15:00 AM	ND	0.17	1	U *
Naphthalene	ug/L	1/2/2024 7:30:00 AM	ND	0.33	1	U *	2/2/2024 7:15:00 AM	ND	0.33	1	U *
n-Butylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.22	1	U *	2/2/2024 7:15:00 AM	ND	0.22	1	U *
n-Hexane	ug/L	1/2/2024 7:30:00 AM	ND	1	2	U *	2/2/2024 7:15:00 AM	ND	4.8	10	U *
Nickel, dissolved	ug/L	1/2/2024 7:30:00 AM	1.4	0.17	2	J (DNQ)	2/2/2024 7:15:00 AM	1.1	0.17	2	J (DNQ)
Nickel, Total	ug/L	1/2/2024 7:30:00 AM	1.5	0.17	2	J (DNQ)	2/2/2024 7:15:00 AM	2	0.17	2	--
Nitrate	mg/L	1/2/2024 7:30:00 AM	0.35	0.2	1	J (DNQ*)	2/2/2024 7:15:00 AM	0.42	0.02	0.1	*
Nitrite-NO2	mg/L	1/2/2024 7:30:00 AM	ND	0.43	1	U *	2/2/2024 7:15:00 AM	0.047	0.043	0.1	J (DNQ*)
Nitrobenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.14	0.19	U *	2/2/2024 7:15:00 AM	ND	0.15	0.2	U *
Nitroglycerin	ug/L	1/2/2024 7:30:00 AM	ND	7.5	20	U *	2/2/2024 7:15:00 AM	ND	7.5	20	U *
n-Nitrosodimethylamine	ug/L	1/2/2024 7:30:00 AM	ND	0.18	0.19	U *	2/2/2024 7:15:00 AM	ND	0.19	0.2	U *
n-Nitrosodi-n-propylamine	ug/L	1/2/2024 7:30:00 AM	ND	0.14	0.19	U *	2/2/2024 7:15:00 AM	ND	0.15	0.2	U *
n-Nitrosodiphenylamine	ug/L	1/2/2024 7:30:00 AM	ND	0.1	0.19	U *	2/2/2024 7:15:00 AM	ND	0.11	0.2	U *
n-Propylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.3	0.5	U *	2/2/2024 7:15:00 AM	ND	0.3	0.5	U *
o + p Xylene (reported in xylenes)	ug/L	1/2/2024 7:30:00 AM	ND	0.17	1	U *	2/2/2024 7:15:00 AM	ND	0.17	1	U *
o-Chlorotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.11	0.5	U *	2/2/2024 7:15:00 AM	ND	0.11	0.5	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 018 (INF-002)					SWTS 018 (INF-002)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
o-Cresol	ug/L	1/2/2024 7:30:00 AM	ND	0.097	0.97	U *	2/2/2024 7:15:00 AM	ND	0.1	1	U *
Octachlorodibenzofuran	ug/L	1/2/2024 7:30:00 AM	ND	1.6e-006	9.6e-005	U (B)	2/2/2024 7:15:00 AM	ND	2.5e-006	0.0001	U (B)
Octachlorodibenzo-p-dioxin	ug/L	1/2/2024 7:30:00 AM	ND	2.5e-006	9.6e-005	U (B)	2/2/2024 7:15:00 AM	ND	3.4e-006	0.0001	U (B)
Oil content	mg/L	1/2/2024 7:30:00 AM	ND	0.52	1	U *	2/2/2024 7:15:00 AM	ND	0.5	0.97	U *
Orthophosphate – PO4	mg/L	1/2/2024 7:30:00 AM	ND	1.8	3.1	U *	2/2/2024 7:15:00 AM	0.29	0.18	0.31	J (DNQ*)
o-Xylene	ug/L	1/2/2024 7:30:00 AM	ND	0.15	0.5	U *	2/2/2024 7:15:00 AM	ND	0.15	0.5	U *
p,p'-Methoxychlor	ug/L	1/2/2024 7:30:00 AM	ND	0.019	0.25	U *	2/2/2024 7:15:00 AM	ND	0.0037	0.0067	U *
PCB_TEQ_Bird (Coplanar PCBs)	pg/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	0.0208	NA	NA	*
PCB_TEQ_Fish (Coplanar PCBs)	pg/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	0.00212	NA	NA	*
PCB_TEQ_Mammal (Coplanar PCBs)	pg/L	1/2/2024 7:30:00 AM	ND	0	0	U*	2/2/2024 7:15:00 AM	0.01272	NA	NA	*
PCB-105	pg/L	1/2/2024 7:30:00 AM	ND	0.46	39	U (B)	2/2/2024 7:15:00 AM	96	3.8	41	--
PCB-114	pg/L	1/2/2024 7:30:00 AM	ND	0.55	39	U	2/2/2024 7:15:00 AM	ND	4.6	41	U
PCB-118	pg/L	1/2/2024 7:30:00 AM	ND	0.48	39	U (B)	2/2/2024 7:15:00 AM	240	4.1	41	--
PCB-123	pg/L	1/2/2024 7:30:00 AM	ND	0.57	39	U	2/2/2024 7:15:00 AM	ND	4.9	41	U
PCB-126	pg/L	1/2/2024 7:30:00 AM	ND	0.51	20	U	2/2/2024 7:15:00 AM	ND	4.1	20	U
PCB-156	pg/L	1/2/2024 7:30:00 AM	ND	0.56	39	U (B)	2/2/2024 7:15:00 AM	44	0.94	41	--
PCB-157	pg/L	1/2/2024 7:30:00 AM	ND	0.56	39	U (B)	2/2/2024 7:15:00 AM	44	0.94	41	--
PCB-167	pg/L	1/2/2024 7:30:00 AM	1.7	0.38	39	J (DNQ)	2/2/2024 7:15:00 AM	16	0.67	41	J (DNQ)
PCB-169	pg/L	1/2/2024 7:30:00 AM	ND	0.42	20	U	2/2/2024 7:15:00 AM	ND	0.79	20	U
PCB-189	pg/L	1/2/2024 7:30:00 AM	ND	0.57	20	U	2/2/2024 7:15:00 AM	ND	0.7	20	U
PCB-194	pg/L	1/2/2024 7:30:00 AM	ND	0.8	39	U	2/2/2024 7:15:00 AM	15	0.79	41	J (DNQ)
PCB-77	pg/L	1/2/2024 7:30:00 AM	ND	1.5	20	U	2/2/2024 7:15:00 AM	ND	2.1	20	U
PCB-81	pg/L	1/2/2024 7:30:00 AM	ND	1.5	20	U	2/2/2024 7:15:00 AM	ND	2.2	20	U
p-Chloro-m-cresol	ug/L	1/2/2024 7:30:00 AM	ND	0.13	0.97	U *	2/2/2024 7:15:00 AM	ND	0.13	1	U *
p-Chlorotoluene	ug/L	1/2/2024 7:30:00 AM	ND	0.22	0.5	U *	2/2/2024 7:15:00 AM	ND	0.22	0.5	U *
p-Cresol (reported as 3/4-Methylphenol)	ug/L	1/2/2024 7:30:00 AM	ND	0.19	1.9	U *	2/2/2024 7:15:00 AM	ND	0.2	2	U *
p-Cymene	ug/L	1/2/2024 7:30:00 AM	ND	0.18	0.5	U *	2/2/2024 7:15:00 AM	ND	0.18	0.5	U *
Pentachlorophenol	ug/L	1/2/2024 7:30:00 AM	ND	0.82	0.97	U *	2/2/2024 7:15:00 AM	ND	0.85	1	U *
Perchlorate	ug/L	1/2/2024 7:30:00 AM	ND	0.91	2	U *	2/2/2024 7:15:00 AM	ND	0.91	2	U *
Perylene[(o)]	ug/L	1/2/2024 7:30:00 AM	ND	1	1	U*	2/2/2024 7:15:00 AM	ND	1	1	U*
PETN	ug/L	1/2/2024 7:30:00 AM	ND	10	23	U *	2/2/2024 7:15:00 AM	ND	10	23	U *
Phenanthrene	ug/L	1/2/2024 7:30:00 AM	ND	0.16	0.19	U *	2/2/2024 7:15:00 AM	ND	0.17	0.2	U *
Phenol	ug/L	1/2/2024 7:30:00 AM	ND	0.51	0.97	U *	2/2/2024 7:15:00 AM	ND	0.53	1	U *
Phosphorus, dissolved	mg/L	1/2/2024 7:30:00 AM	0.16	0.01	0.25	J (DNQ)	2/2/2024 7:15:00 AM	0.13	0.01	0.25	J (DNQ)
Phosphorus, Total	mg/L	1/2/2024 7:30:00 AM	0.22	0.01	0.25	J (DNQ)	2/2/2024 7:15:00 AM	0.16	0.01	0.25	J (DNQ)
p-Nitroaniline	ug/L	1/2/2024 7:30:00 AM	ND	2	4.9	U *	2/2/2024 7:15:00 AM	ND	2.1	5.1	U *
Pyrene	ug/L	1/2/2024 7:30:00 AM	ND	0.083	0.19	U *	2/2/2024 7:15:00 AM	ND	0.087	0.2	U *
RDX	ug/L	1/2/2024 7:30:00 AM	ND	0.64	1.4	U *	2/2/2024 7:15:00 AM	ND	0.64	1.4	U *
sec-Butylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.2	0.5	U *	2/2/2024 7:15:00 AM	ND	0.2	0.5	U *
Selenium, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	0.52	2	U	2/2/2024 7:15:00 AM	ND	0.52	2	U *
Selenium, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.52	2	U	2/2/2024 7:15:00 AM	ND	0.52	2	U *
Silica, dissolved	mg/L	1/2/2024 7:30:00 AM	5.4	0.11	0.54	--	2/2/2024 7:15:00 AM	6	0.11	0.54	--
Silver, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	0.23	1	U	2/2/2024 7:15:00 AM	ND	0.23	1	U
Silver, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.23	1	U	2/2/2024 7:15:00 AM	ND	0.23	1	U
Strontium, dissolved	ug/L	1/2/2024 7:30:00 AM	120	1.8	10	--	2/2/2024 7:15:00 AM	120	1.8	10	--
Strontium, Total	ug/L	1/2/2024 7:30:00 AM	140	1.8	10	--	2/2/2024 7:15:00 AM	130	1.8	10	--
Styrene	ug/L	1/2/2024 7:30:00 AM	ND	0.19	0.5	U *	2/2/2024 7:15:00 AM	ND	0.19	0.5	U *
Sulfate	mg/L	1/2/2024 7:30:00 AM	37	1.8	10	*	2/2/2024 7:15:00 AM	30	0.18	1	*
tert-Butylbenzene	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
Tetrachloroethene	ug/L	1/2/2024 7:30:00 AM	ND	0.21	0.5	U *	2/2/2024 7:15:00 AM	ND	0.21	0.5	U *
Tetryl	ug/L	1/2/2024 7:30:00 AM	ND	0.4	1.6	U *	2/2/2024 7:15:00 AM	ND	0.4	1.6	U *
Thallium, dissolved	ug/L	1/2/2024 7:30:00 AM	ND	0.11	1	U	2/2/2024 7:15:00 AM	ND	0.11	1	U
Thallium, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.11	1	U	2/2/2024 7:15:00 AM	ND	0.11	1	U
Tin, Total	mg/L	1/2/2024 7:30:00 AM	ND	0.02	0.1	U	2/2/2024 7:15:00 AM	ND	0.02	0.1	U
Titanium, dissolved	ug/L	1/2/2024 7:30:00 AM	1	0.39	50	J (DNQ)	2/2/2024 7:15:00 AM	4.5	0.39	50	J (DNQ)
Titanium, Total	ug/L	1/2/2024 7:30:00 AM	5.7	0.39	50	J (DNQ)	2/2/2024 7:15:00 AM	ND	0.39	50	U (B)
Toluene	ug/L	1/2/2024 7:30:00 AM	ND	0.23	0.5	U *	2/2/2024 7:15:00 AM	ND	0.23	0.5	U *
Toxaphene	ug/L	1/2/2024 7:30:00 AM	ND	5	10	U *	2/2/2024 7:15:00 AM	ND	0.054	0.067	U *

TABLE C-9
SRAM
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

	LOCATION	SWTS 018 (INF-002)					SWTS 018 (INF-002)				
	DATE RANGE	First Sample					Second Sample				
ANALYTE	UNITS	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	SAMPLE DATE(S)	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER
TPH-Diesel Range Organics (DRO)	mg/L	1/2/2024 7:30:00 AM	ND	0.036	0.05	U *	2/2/2024 7:15:00 AM	0.053	0.035	0.048	*
TPH-Gasoline Range Organics (GRO)	ug/L	1/2/2024 7:30:00 AM	ND	30	50	U *	2/2/2024 7:15:00 AM	ND	29	50	U *
TPH-Kerosene Range Organics (KRO)	ug/L	1/2/2024 7:30:00 AM	ND	36	50	U *	2/2/2024 7:15:00 AM	ND	35	48	U *
TPH-Oil Range Organics (ORO)	ug/L	1/2/2024 7:30:00 AM	ND	67	250	U *	2/2/2024 7:15:00 AM	74	64	240	J (DNQ*)
trans-1,2-Dichloroethene	ug/L	1/2/2024 7:30:00 AM	ND	0.24	0.5	U *	2/2/2024 7:15:00 AM	ND	0.24	0.5	U *
trans-1,3-Dichloropropene	ug/L	1/2/2024 7:30:00 AM	ND	0.18	0.5	U *	2/2/2024 7:15:00 AM	ND	0.18	0.5	U *
Trichloroethene	ug/L	1/2/2024 7:30:00 AM	ND	0.17	0.5	U *	2/2/2024 7:15:00 AM	ND	0.17	0.5	U *
Trichlorofluoromethane	ug/L	1/2/2024 7:30:00 AM	ND	0.29	0.5	U *	2/2/2024 7:15:00 AM	ND	0.29	0.5	U *
Triethylene glycol	mg/L	1/2/2024 7:30:00 AM	ND	27	56	U *	2/2/2024 7:15:00 AM	ND	27	56	U *
Vanadium, dissolved	ug/L	1/2/2024 7:30:00 AM	1.3	0.17	2	J (DNQ)	2/2/2024 7:15:00 AM	1.1	0.17	2	J (DNQ)
Vanadium, Total	ug/L	1/2/2024 7:30:00 AM	1.4	0.17	2	J (DNQ)	2/2/2024 7:15:00 AM	3.1	0.17	2	--
Vinyl chloride	ug/L	1/2/2024 7:30:00 AM	ND	0.47	0.5	U *	2/2/2024 7:15:00 AM	ND	0.47	0.5	U *
Xylenes, Total	ug/L	1/2/2024 7:30:00 AM	ND	0.17	1	U *	2/2/2024 7:15:00 AM	ND	0.17	1	U *
Zinc, dissolved	ug/L	1/2/2024 7:30:00 AM	3.2	2.8	20	J (DNQ)	2/2/2024 7:15:00 AM	6.3	2.8	20	J (DNQ*)
Zinc, Total	ug/L	1/2/2024 7:30:00 AM	4.6	2.8	20	J (DNQ)	2/2/2024 7:15:00 AM	17	2.8	20	J (DNQ*)
Zirconium, Total	mg/L	1/2/2024 7:30:00 AM	ND	0.022	0.1	U	2/2/2024 7:15:00 AM	ND	0.022	0.1	U

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-001	1,1,1,2-Tetrachloroethane	01-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-001	1,1-Dichloropropene	01-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-001	1,2,3-Trichlorobenzene	01-Feb-24	1	0.19	1	ND	ug/L
EFF-001	1,2,3-Trichloropropane	01-Feb-24	1	0.31	1	ND	ug/L
EFF-001	1,2,4-Trimethylbenzene	01-Feb-24	0.5	0.28	0.5	ND	ug/L
EFF-001	1,2-Dibromo-3-Chloropropane	01-Feb-24	1	0.51	1	ND	ug/L
EFF-001	1,2-Dibromoethane	01-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-001	1,3,5-Trimethylbenzene	01-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-001	1,3-Dichloropropane	01-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	01-Feb-24	2	0.58	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	01-Feb-24	10	5	10	ND	ug/L
EFF-001	2-Chlorotoluene	01-Feb-24	0.5	0.11	0.5	ND	ug/L
EFF-001	2-Hexanone	01-Feb-24	5	2.2	5	ND	ug/L
EFF-001	4-Chlorotoluene	01-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-001	4-Methyl-2-pentanone	01-Feb-24	5	2.6	5	ND	ug/L
EFF-001	Acetone	01-Feb-24	20	16	20	ND	ug/L
EFF-001	Bromobenzene	01-Feb-24	0.5	0.23	0.5	ND	ug/L
EFF-001	Carbon disulfide	01-Feb-24	1	0.61	1	ND	ug/L
EFF-001	Dibromomethane	01-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-001	Dichlorodifluoromethane	01-Feb-24	1	0.46	1	ND	ug/L
EFF-001	Isopropanol	01-Feb-24	250	120	250	ND	ug/L
EFF-001	Isopropylbenzene	01-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-001	Methyl Ethyl Ketone	01-Feb-24	5	2.5	5	ND	ug/L
EFF-001	Methyl Tert-butyl Ether (MTBE)	01-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-001	n-Butylbenzene	01-Feb-24	1	0.22	1	ND	ug/L
EFF-001	n-Propylbenzene	01-Feb-24	0.5	0.3	0.5	ND	ug/L
EFF-001	p-Isopropyltoluene	01-Feb-24	0.5	0.18	0.5	ND	ug/L
EFF-001	sec-Butylbenzene	01-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-001	Styrene	01-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-001	tert-Butylbenzene	01-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-001	Hydrazine	02-Feb-24	1	0.4	1	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	2	0.59	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	10	2.9	10	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	2	0.59	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	10	2.9	10	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	07-Mar-24	10	2.9	10	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	07-Mar-24	2	0.59	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	23-Mar-24	10	2.9	10	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	23-Mar-24	2	0.59	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	2	0.59	2	ND	ug/L
EFF-001	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	10	2.9	10	ND	ug/L
EFF-002	1,1,1,2-Tetrachloroethane	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-002	1,1-Dichloropropene	03-Jan-24	0.5	0.22	0.5	ND	ug/L
EFF-002	1,2,3-Trichlorobenzene	03-Jan-24	1	0.19	1	ND	ug/L
EFF-002	1,2,3-Trichloropropane	03-Jan-24	1	0.31	1	ND	ug/L
EFF-002	1,2,4-Trimethylbenzene	03-Jan-24	0.5	0.28	0.5	ND	ug/L
EFF-002	1,2-Dibromo-3-Chloropropane	03-Jan-24	1	0.51	1	ND	ug/L
EFF-002	1,2-Dibromoethane	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-002	1,3,5-Trimethylbenzene	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-002	1,3-Dichloropropane	03-Jan-24	0.5	0.21	0.5	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	03-Jan-24	2	0.58	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	03-Jan-24	10	5	10	ND	ug/L
EFF-002	2-Chlorotoluene	03-Jan-24	0.5	0.11	0.5	ND	ug/L
EFF-002	2-Hexanone	03-Jan-24	5	2.2	5	ND	ug/L
EFF-002	4-Chlorotoluene	03-Jan-24	0.5	0.22	0.5	ND	ug/L
EFF-002	4-Methyl-2-pentanone	03-Jan-24	5	2.6	5	ND	ug/L
EFF-002	Acetone	03-Jan-24	20	16	20	ND	ug/L
EFF-002	Bromobenzene	03-Jan-24	0.5	0.23	0.5	ND	ug/L
EFF-002	Carbon disulfide	03-Jan-24	1	0.61	1	ND	ug/L
EFF-002	Dibromomethane	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-002	Dichlorodifluoromethane	03-Jan-24	1	0.46	1	ND	ug/L
EFF-002	Isopropanol	03-Jan-24	250	120	250	ND	ug/L
EFF-002	Isopropylbenzene	03-Jan-24	0.5	0.16	0.5	ND	ug/L
EFF-002	Methyl Ethyl Ketone	03-Jan-24	5	2.5	5	ND	ug/L
EFF-002	Methyl Tert-butyl Ether (MTBE)	03-Jan-24	0.5	0.22	0.5	ND	ug/L
EFF-002	n-Butylbenzene	03-Jan-24	1	0.22	1	ND	ug/L
EFF-002	n-Propylbenzene	03-Jan-24	0.5	0.3	0.5	ND	ug/L
EFF-002	p-Isopropyltoluene	03-Jan-24	0.5	0.18	0.5	ND	ug/L
EFF-002	sec-Butylbenzene	03-Jan-24	0.5	0.2	0.5	ND	ug/L
EFF-002	Styrene	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-002	tert-Butylbenzene	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-002	Hydrazine	04-Jan-24	1	0.4	1	ND	ug/L
EFF-002	Methoxychlor	04-Jan-24	0.05	0.0038	0.05	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	20-Jan-24	2	0.58	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	20-Jan-24	10	5	10	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	01-Feb-24	2	0.58	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	01-Feb-24	10	5	10	ND	ug/L
EFF-002	Methoxychlor	02-Feb-24	0.25	0.019	0.25	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	10	2.9	10	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	2	0.59	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	2	0.59	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	10	2.9	10	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	07-Mar-24	2	0.59	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	07-Mar-24	10	2.9	10	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	23-Mar-24	2	0.59	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	23-Mar-24	10	2.9	10	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	2	0.59	2	ND	ug/L
EFF-002	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	10	2.9	10	ND	ug/L
EFF-004	Methoxychlor	06-Feb-24	0.1	0.0076	0.1	ND	ug/L
EFF-006	Methoxychlor	06-Feb-24	0.1	0.0076	0.1	ND	ug/L
EFF-008	2,2-Dichloropropane	01-Feb-24	1	0.51	1	ND	ug/L
EFF-008	Carbon Tetrachloride	01-Feb-24	1	0.54	1	ND	ug/L
EFF-008	Dichlorobromomethane	01-Feb-24	1	0.31	1	ND	ug/L
EFF-008	Ethanol	01-Feb-24	100	81	100	ND	ug/L
EFF-008	Ethylbenzene	01-Feb-24	1	0.33	1	ND	ug/L
EFF-008	Ethyl-Tert Butyl Ether (ETBE)	01-Feb-24	1	0.33	1	ND	ug/L
EFF-008	Tert-Amyl Methyl Ether (TAME)	01-Feb-24	1	0.27	1	ND	ug/L
EFF-008	Tert-Butyl Alcohol (TBA)	01-Feb-24	10	6.3	10	ND	ug/L
EFF-008	Trichlorofluoromethane	01-Feb-24	1	0.52	1	ND	ug/L
EFF-008	1,3-Dinitrobenzene	02-Feb-24	1.2	0.5	1.2	ND	ug/L
EFF-008	2,4,6-Trinitrotoluene	02-Feb-24	1.2	0.89	1.2	ND	ug/L
EFF-008	2,4-Dinitrotoluene	02-Feb-24	0.7	0.33	0.7	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-008	2,6-Dinitrotoluene	02-Feb-24	0.8	0.35	0.8	ND	ug/L
EFF-008	2-Amino-4,6-dinitrotoluene	02-Feb-24	1.2	0.46	1.2	ND	ug/L
EFF-008	2-Nitrotoluene	02-Feb-24	1.2	0.4	1.2	ND	ug/L
EFF-008	3-Nitrotoluene	02-Feb-24	1.2	0.45	1.2	ND	ug/L
EFF-008	4,4-DDD	02-Feb-24	0.1	0.0054	0.1	ND	ug/L
EFF-008	4,4-DDE	02-Feb-24	0.1	0.02	0.1	ND	ug/L
EFF-008	4,4-DDT	02-Feb-24	0.1	0.0056	0.1	ND	ug/L
EFF-008	4-Amino-2,6-dinitrotoluene	02-Feb-24	1.2	0.44	1.2	ND	ug/L
EFF-008	4-Nitrotoluene	02-Feb-24	1.2	0.46	1.2	ND	ug/L
EFF-008	Aldrin	02-Feb-24	0.1	0.002	0.1	ND	ug/L
EFF-008	alpha-BHC	02-Feb-24	0.1	0.0049	0.1	ND	ug/L
EFF-008	beta-BHC	02-Feb-24	0.1	0.003	0.1	ND	ug/L
EFF-008	Chlordane	02-Feb-24	1	0.2	1	ND	ug/L
EFF-008	Cyclotrimethylenetrinitramine (RDX)	02-Feb-24	1.2	0.49	1.2	ND	ug/L
EFF-008	delta-BHC	02-Feb-24	0.1	0.0038	0.1	ND	ug/L
EFF-008	Dibenzofuran	02-Feb-24	0.19	0.094	0.19	ND	ug/L
EFF-008	Dieldrin	02-Feb-24	0.1	0.0034	0.1	ND	ug/L
EFF-008	Endosulfan I	02-Feb-24	0.1	0.0038	0.1	ND	ug/L
EFF-008	Endosulfan II	02-Feb-24	0.1	0.0038	0.1	ND	ug/L
EFF-008	Endosulfan Sulfate	02-Feb-24	0.1	0.0059	0.1	ND	ug/L
EFF-008	Endrin	02-Feb-24	0.1	0.0034	0.1	ND	ug/L
EFF-008	Endrin Aldehyde	02-Feb-24	0.1	0.0038	0.1	ND	ug/L
EFF-008	gamma-BHC	02-Feb-24	0.1	0.003	0.1	ND	ug/L
EFF-008	Heptachlor	02-Feb-24	0.1	0.0046	0.1	ND	ug/L
EFF-008	Heptachlor Epoxide	02-Feb-24	0.1	0.0036	0.1	ND	ug/L
EFF-008	Methoxychlor	02-Feb-24	0.1	0.0076	0.1	ND	ug/L
EFF-008	Naphthalene	02-Feb-24	0.19	0.11	0.19	ND	ug/L
EFF-008	Nitrobenzene	02-Feb-24	0.9	0.42	0.9	ND	ug/L
EFF-008	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02-Feb-24	1.2	0.63	1.2	ND	ug/L
EFF-008	PCB-1016	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1221	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1232	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1242	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1248	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1254	02-Feb-24	2	1	2	ND	ug/L
EFF-008	PCB-1260	02-Feb-24	2	1	2	ND	ug/L
EFF-008	Tetryl	02-Feb-24	1.2	1	1.2	ND	ug/L
EFF-008	Toxaphene	02-Feb-24	4	2	4	ND	ug/L
EFF-008	1,1,1,2-Tetrachloroethane	19-Feb-24	0.5	0.089	0.5	ND	ug/L
EFF-008	1,1,1,2-Tetrachloroethane	19-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	1,1,2-Trichloro-1,2,2-Trifluoroethane	19-Feb-24	0.5	0.25	0.5	ND	ug/L
EFF-008	1,1-Dichloropropene	19-Feb-24	0.5	0.25	0.5	ND	ug/L
EFF-008	1,1-Dichloropropene	19-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	1,2,3-Trichlorobenzene	19-Feb-24	0.5	0.26	0.5	ND	ug/L
EFF-008	1,2,3-Trichloropropane	19-Feb-24	1	0.28	1	ND	ug/L
EFF-008	1,2,3-Trichloropropane	19-Feb-24	0.5	0.31	0.5	ND	ug/L
EFF-008	1,2,4-Trichlorobenzene	19-Feb-24	0.5	0.26	0.5	ND	ug/L
EFF-008	1,2,4-Trichlorobenzene	19-Feb-24	1	0.2	1	ND	ug/L
EFF-008	1,2,4-Trimethylbenzene	19-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-008	1,2,4-Trimethylbenzene	19-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	1,2-Dibromo-3-Chloropropane	19-Feb-24	1	0.24	1	ND	ug/L
EFF-008	1,2-Dibromo-3-Chloropropane	19-Feb-24	1	0.84	1	ND	ug/L
EFF-008	1,2-Dibromoethane	19-Feb-24	0.5	0.058	0.5	ND	ug/L
EFF-008	1,2-Dibromoethane	19-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-008	1,2-Dichloropropane	19-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	1,2-Dichloropropane	19-Feb-24	0.5	0.065	0.5	ND	ug/L
EFF-008	1,3,5-Trimethylbenzene	19-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	1,3,5-Trimethylbenzene	19-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-008	1,3-Dichloropropane	19-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-008	1,3-Dichloropropane	19-Feb-24	0.5	0.13	0.5	ND	ug/L
EFF-008	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	10	2.9	10	ND	ug/L
EFF-008	2-Chlorotoluene	19-Feb-24	0.5	0.23	0.5	ND	ug/L
EFF-008	2-Chlorotoluene	19-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-008	2-Hexanone	19-Feb-24	6	2	6	ND	ug/L
EFF-008	2-Hexanone	19-Feb-24	5	0.96	5	ND	ug/L
EFF-008	4-Chlorotoluene	19-Feb-24	0.5	0.097	0.5	ND	ug/L
EFF-008	4-Chlorotoluene	19-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-008	4-Methyl-2-pentanone	19-Feb-24	5	0.69	5	ND	ug/L
EFF-008	4-Methyl-2-pentanone	19-Feb-24	5	1.6	5	ND	ug/L
EFF-008	Acetone	19-Feb-24	20	4.4	20	ND	ug/L
EFF-008	Acetone	19-Feb-24	8	3.6	8	ND	ug/L
EFF-008	Bromobenzene	19-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-008	Bromobenzene	19-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	Bromochloromethane	19-Feb-24	1	0.27	1	ND	ug/L
EFF-008	Bromochloromethane	19-Feb-24	0.5	0.094	0.5	ND	ug/L
EFF-008	Carbon disulfide	19-Feb-24	1	0.32	1	ND	ug/L
EFF-008	Carbon disulfide	19-Feb-24	1	0.29	1	ND	ug/L
EFF-008	Dibromomethane	19-Feb-24	0.5	0.11	0.5	ND	ug/L
EFF-008	Dibromomethane	19-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	Dichlorodifluoromethane	19-Feb-24	1	0.51	1	ND	ug/L
EFF-008	Dichlorodifluoromethane	19-Feb-24	1	0.32	1	ND	ug/L
EFF-008	Gasoline	19-Feb-24	50	29	50	ND	ug/L
EFF-008	Hexachlorobutadiene	19-Feb-24	0.5	0.29	0.5	ND	ug/L
EFF-008	Hexane	19-Feb-24	5	2.4	5	ND	ug/L
EFF-008	Isopropanol	19-Feb-24	250	11	250	ND	ug/L
EFF-008	Isopropanol	19-Feb-24	40	18	40	ND	ug/L
EFF-008	Isopropylbenzene	19-Feb-24	0.5	0.075	0.5	ND	ug/L
EFF-008	Isopropylbenzene	19-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-008	Methyl Ethyl Ketone	19-Feb-24	5	2.9	5	ND	ug/L
EFF-008	Methyl Ethyl Ketone	19-Feb-24	5	2.7	5	ND	ug/L
EFF-008	Methyl Tert-butyl Ether (MTBE)	19-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	Methyl Tert-butyl Ether (MTBE)	19-Feb-24	0.5	0.052	0.5	ND	ug/L
EFF-008	Naphthalene	19-Feb-24	1	0.19	1	ND	ug/L
EFF-008	n-Butylbenzene	19-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-008	n-Butylbenzene	19-Feb-24	1	0.27	1	ND	ug/L
EFF-008	n-Propylbenzene	19-Feb-24	0.5	0.07	0.5	ND	ug/L
EFF-008	n-Propylbenzene	19-Feb-24	0.5	0.18	0.5	ND	ug/L
EFF-008	p-Isopropyltoluene	19-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-008	p-Isopropyltoluene	19-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	sec-Butylbenzene	19-Feb-24	0.5	0.092	0.5	ND	ug/L
EFF-008	sec-Butylbenzene	19-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	Styrene	19-Feb-24	0.5	0.1	0.5	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-008	Styrene	19-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-008	tert-Butylbenzene	19-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-008	tert-Butylbenzene	19-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	Trichlorofluoromethane	19-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	Trichlorofluoromethane	19-Feb-24	0.5	0.26	0.5	ND	ug/L
EFF-008	1,1,1,2-Tetrachloroethane	20-Feb-24	0.5	0.089	0.5	ND	ug/L
EFF-008	1,1,1,2-Tetrachloroethane	20-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	1,1-Dichloropropene	20-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	1,1-Dichloropropene	20-Feb-24	0.5	0.25	0.5	ND	ug/L
EFF-008	1,2,3-Trichlorobenzene	20-Feb-24	1	0.16	1	ND	ug/L
EFF-008	1,2,3-Trichlorobenzene	20-Feb-24	0.5	0.26	0.5	ND	ug/L
EFF-008	1,2,3-Trichloropropane	20-Feb-24	1	0.28	1	ND	ug/L
EFF-008	1,2,3-Trichloropropane	20-Feb-24	0.5	0.31	0.5	ND	ug/L
EFF-008	1,2,4-Trichlorobenzene	20-Feb-24	0.19	0.12	0.19	ND	ug/L
EFF-008	1,2,4-Trimethylbenzene	20-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-008	1,2,4-Trimethylbenzene	20-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	1,2-Dibromo-3-Chloropropane	20-Feb-24	1	0.24	1	ND	ug/L
EFF-008	1,2-Dibromo-3-Chloropropane	20-Feb-24	1	0.84	1	ND	ug/L
EFF-008	1,2-Dibromoethane	20-Feb-24	0.5	0.058	0.5	ND	ug/L
EFF-008	1,2-Dibromoethane	20-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-008	1,3,5-Trimethylbenzene	20-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	1,3,5-Trimethylbenzene	20-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-008	1,3-Dichloropropane	20-Feb-24	0.5	0.13	0.5	ND	ug/L
EFF-008	1,3-Dichloropropane	20-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-008	2,2-Dichloro-1,1,1-trifluoroethane	20-Feb-24	10	2.9	10	ND	ug/L
EFF-008	2-Chlorotoluene	20-Feb-24	0.5	0.23	0.5	ND	ug/L
EFF-008	2-Chlorotoluene	20-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-008	2-Hexanone	20-Feb-24	6	2	6	ND	ug/L
EFF-008	2-Hexanone	20-Feb-24	5	0.96	5	ND	ug/L
EFF-008	4,4-DDE	20-Feb-24	0.1	0.0036	0.1	ND	ug/L
EFF-008	4,4-DDE	20-Feb-24	0.0033	0.0019	0.0033	ND	ug/L
EFF-008	4-Chlorotoluene	20-Feb-24	0.5	0.097	0.5	ND	ug/L
EFF-008	4-Chlorotoluene	20-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-008	4-Methyl-2-pentanone	20-Feb-24	5	0.69	5	ND	ug/L
EFF-008	4-Methyl-2-pentanone	20-Feb-24	5	1.6	5	ND	ug/L
EFF-008	Acetone	20-Feb-24	20	4.4	20	ND	ug/L
EFF-008	Acetone	20-Feb-24	8	3.6	8	ND	ug/L
EFF-008	alpha-BHC	20-Feb-24	0.1	0.0049	0.1	ND	ug/L
EFF-008	alpha-BHC	20-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
EFF-008	Bromobenzene	20-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-008	Bromobenzene	20-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-008	Bromochloromethane	20-Feb-24	1	0.27	1	ND	ug/L
EFF-008	Bromochloromethane	20-Feb-24	0.5	0.094	0.5	ND	ug/L
EFF-008	Carbon disulfide	20-Feb-24	1	0.29	1	ND	ug/L
EFF-008	Carbon disulfide	20-Feb-24	1	0.32	1	ND	ug/L
EFF-008	Dibromomethane	20-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-008	Dibromomethane	20-Feb-24	0.5	0.11	0.5	ND	ug/L
EFF-008	Dichlorodifluoromethane	20-Feb-24	1	0.51	1	ND	ug/L
EFF-008	Dichlorodifluoromethane	20-Feb-24	1	0.32	1	ND	ug/L
EFF-008	Gasoline	20-Feb-24	50	29	50	ND	ug/L
EFF-008	Heptachlor	20-Feb-24	0.1	0.0046	0.1	ND	ug/L
EFF-008	Heptachlor	20-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
EFF-008	Hexachlorobutadiene	20-Feb-24	0.19	0.15	0.19	ND	ug/L
EFF-008	Hexane	20-Feb-24	5	2.4	5	ND	ug/L
EFF-008	Isopropanol	20-Feb-24	250	11	250	ND	ug/L
EFF-008	Isopropylbenzene	20-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-008	Isopropylbenzene	20-Feb-24	0.5	0.075	0.5	ND	ug/L
EFF-008	Methyl Ethyl Ketone	20-Feb-24	5	2.9	5	ND	ug/L
EFF-008	Methyl Ethyl Ketone	20-Feb-24	5	2.7	5	ND	ug/L
EFF-008	Methyl Tert-butyl Ether (MTBE)	20-Feb-24	0.5	0.052	0.5	ND	ug/L
EFF-008	Naphthalene	20-Feb-24	0.19	0.11	0.19	ND	ug/L
EFF-008	n-Butylbenzene	20-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-008	n-Butylbenzene	20-Feb-24	1	0.27	1	ND	ug/L
EFF-008	Nitrobenzene	20-Feb-24	0.9	0.42	0.9	ND	ug/L
EFF-008	Nitrobenzene	20-Feb-24	0.19	0.14	0.19	ND	ug/L
EFF-008	n-Propylbenzene	20-Feb-24	0.5	0.07	0.5	ND	ug/L
EFF-008	n-Propylbenzene	20-Feb-24	0.5	0.18	0.5	ND	ug/L
EFF-008	p-Isopropyltoluene	20-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	p-Isopropyltoluene	20-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-008	sec-Butylbenzene	20-Feb-24	0.5	0.092	0.5	ND	ug/L
EFF-008	sec-Butylbenzene	20-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	Styrene	20-Feb-24	0.5	0.1	0.5	ND	ug/L
EFF-008	Styrene	20-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-008	tert-Butylbenzene	20-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-008	tert-Butylbenzene	20-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-008	3,5-Dimethylphenol	07-Mar-24	12	6	12	ND	ug/L
EFF-009	1,2-Dibromo-3-Chloropropane	22-Jan-24	1	0.84	1	ND	ug/L
EFF-009	1,3-Dichlorobenzene	22-Jan-24	0.5	0.16	0.5	ND	ug/L
EFF-009	1,3-Dichlorobenzene	22-Jan-24	0.5	0.16	0.5	ND	ug/L
EFF-009	2,2-Dichloro-1,1,1-trifluoroethane	22-Jan-24	10	5.9	10	ND	ug/L
EFF-009	2,2-Dichloro-1,1,1-trifluoroethane	22-Jan-24	10	5	10	ND	ug/L
EFF-009	2,2-Dichloropropane	22-Jan-24	0.5	0.26	0.5	ND	ug/L
EFF-009	Chloroethane	22-Jan-24	0.5	0.38	0.5	ND	ug/L
EFF-009	Chloroethane	22-Jan-24	1	0.29	1	ND	ug/L
EFF-009	Chloroform	22-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-009	Chloroform	22-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-009	Dibenzofuran	22-Jan-24	0.21	0.1	0.21	ND	ug/L
EFF-009	1,2-Dibromo-3-Chloropropane	23-Jan-24	500	420	500	ND	ug/L
EFF-009	1,3-Dichlorobenzene	23-Jan-24	0.19	0.11	0.19	ND	ug/L
EFF-009	1,3-Dinitrobenzene	23-Jan-24	1.2	0.49	1.2	ND	ug/L
EFF-009	1,3-Dinitrobenzene	23-Jan-24	1	0.4	1	ND	ug/L
EFF-009	2,4,6-Trinitrotoluene	23-Jan-24	1.2	0.86	1.2	ND	ug/L
EFF-009	2,4,6-Trinitrotoluene	23-Jan-24	3.7	1.8	3.7	ND	ug/L
EFF-009	2,4-Dinitrotoluene	23-Jan-24	1.2	0.51	1.2	ND	ug/L
EFF-009	2,4-Dinitrotoluene	23-Jan-24	0.7	0.33	0.7	ND	ug/L
EFF-009	2,4-Dinitrotoluene	23-Jan-24	0.19	0.11	0.19	ND	ug/L
EFF-009	2,6-Dinitrotoluene	23-Jan-24	0.8	0.35	0.8	ND	ug/L
EFF-009	2,6-Dinitrotoluene	23-Jan-24	1.2	0.44	1.2	ND	ug/L
EFF-009	2,6-Dinitrotoluene	23-Jan-24	0.19	0.17	0.19	ND	ug/L
EFF-009	2-Amino-4,6-dinitrotoluene	23-Jan-24	1.2	0.45	1.2	ND	ug/L
EFF-009	2-Amino-4,6-dinitrotoluene	23-Jan-24	0.85	0.43	0.85	ND	ug/L
EFF-009	2-Nitrotoluene	23-Jan-24	0.9	0.43	0.9	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-009	2-Nitrotoluene	23-Jan-24	1.2	0.39	1.2	ND	ug/L
EFF-009	3-Nitrotoluene	23-Jan-24	1.2	0.44	1.2	ND	ug/L
EFF-009	3-Nitrotoluene	23-Jan-24	0.8	0.38	0.8	ND	ug/L
EFF-009	4,4-DDD	23-Jan-24	0.0067	0.0044	0.0067	ND	ug/L
EFF-009	4,4-DDD	23-Jan-24	0.25	0.014	0.25	ND	ug/L
EFF-009	4,4-DDE	23-Jan-24	0.0033	0.0019	0.0033	ND	ug/L
EFF-009	4,4-DDE	23-Jan-24	0.25	0.009	0.25	ND	ug/L
EFF-009	4,4-DDT	23-Jan-24	0.0033	0.0016	0.0033	ND	ug/L
EFF-009	4,4-DDT	23-Jan-24	0.25	0.014	0.25	ND	ug/L
EFF-009	4-Amino-2,6-dinitrotoluene	23-Jan-24	1.2	0.43	1.2	ND	ug/L
EFF-009	4-Amino-2,6-dinitrotoluene	23-Jan-24	2	0.92	2	ND	ug/L
EFF-009	4-Nitrotoluene	23-Jan-24	0.9	0.44	0.9	ND	ug/L
EFF-009	4-Nitrotoluene	23-Jan-24	1.2	0.45	1.2	ND	ug/L
EFF-009	Aldrin	23-Jan-24	0.25	0.005	0.25	ND	ug/L
EFF-009	Aldrin	23-Jan-24	0.0033	0.0031	0.0033	ND	ug/L
EFF-009	alpha-BHC	23-Jan-24	0.25	0.012	0.25	ND	ug/L
EFF-009	alpha-BHC	23-Jan-24	0.0013	0.0012	0.0013	ND	ug/L
EFF-009	beta-BHC	23-Jan-24	0.005	0.0039	0.005	ND	ug/L
EFF-009	beta-BHC	23-Jan-24	0.25	0.0075	0.25	ND	ug/L
EFF-009	Calcium, Dissolved	23-Jan-24	6400	84	2000	=	ug/L
EFF-009	Chlordane	23-Jan-24	0.25	0.22	0.25	ND	ug/L
EFF-009	Chlordane	23-Jan-24	0.033	0.026	0.033	ND	ug/L
EFF-009	Cyclotrimethylenetrinitramine (RDX)	23-Jan-24	1.2	0.48	1.2	ND	ug/L
EFF-009	Cyclotrimethylenetrinitramine (RDX)	23-Jan-24	1.4	0.64	1.4	ND	ug/L
EFF-009	delta-BHC	23-Jan-24	0.0033	0.002	0.0033	ND	ug/L
EFF-009	delta-BHC	23-Jan-24	0.25	0.0095	0.25	ND	ug/L
EFF-009	Dibenzofuran	23-Jan-24	0.19	0.094	0.19	ND	ug/L
EFF-009	Dieldrin	23-Jan-24	0.0033	0.0013	0.0033	ND	ug/L
EFF-009	Dieldrin	23-Jan-24	0.25	0.0085	0.25	ND	ug/L
EFF-009	Endosulfan I	23-Jan-24	0.0013	0.0013	0.0013	ND	ug/L
EFF-009	Endosulfan I	23-Jan-24	0.25	0.0095	0.25	ND	ug/L
EFF-009	Endosulfan II	23-Jan-24	0.25	0.0095	0.25	ND	ug/L
EFF-009	Endosulfan II	23-Jan-24	0.0067	0.0041	0.0067	ND	ug/L
EFF-009	Endosulfan Sulfate	23-Jan-24	0.0033	0.0014	0.0033	ND	ug/L
EFF-009	Endosulfan Sulfate	23-Jan-24	0.25	0.015	0.25	ND	ug/L
EFF-009	Endrin	23-Jan-24	0.0033	0.0023	0.0033	ND	ug/L
EFF-009	Endrin	23-Jan-24	0.25	0.0085	0.25	ND	ug/L
EFF-009	Endrin Aldehyde	23-Jan-24	0.033	0.024	0.033	ND	ug/L
EFF-009	Endrin Aldehyde	23-Jan-24	0.25	0.0095	0.25	ND	ug/L
EFF-009	gamma-BHC	23-Jan-24	0.0013	0.00066	0.0013	ND	ug/L
EFF-009	gamma-BHC	23-Jan-24	0.25	0.0075	0.25	ND	ug/L
EFF-009	Heptachlor	23-Jan-24	0.25	0.012	0.25	ND	ug/L
EFF-009	Heptachlor	23-Jan-24	0.0013	0.0012	0.0013	ND	ug/L
EFF-009	Heptachlor Epoxide	23-Jan-24	0.25	0.009	0.25	ND	ug/L
EFF-009	Heptachlor Epoxide	23-Jan-24	0.0067	0.0039	0.0067	ND	ug/L
EFF-009	Methoxychlor	23-Jan-24	0.25	0.019	0.25	ND	ug/L
EFF-009	Methoxychlor	23-Jan-24	0.0067	0.0037	0.0067	ND	ug/L
EFF-009	Nitrobenzene	23-Jan-24	0.19	0.14	0.19	ND	ug/L
EFF-009	Nitrobenzene	23-Jan-24	1.2	0.44	1.2	ND	ug/L
EFF-009	Nitrobenzene	23-Jan-24	0.9	0.42	0.9	ND	ug/L
EFF-009	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	23-Jan-24	1.6	0.7	1.6	ND	ug/L
EFF-009	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	23-Jan-24	1.2	0.62	1.2	ND	ug/L
EFF-009	PCB-1016	23-Jan-24	0.1	0.044	0.1	ND	ug/L
EFF-009	PCB-1016	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1221	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1221	23-Jan-24	0.1	0.044	0.1	ND	ug/L
EFF-009	PCB-1232	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1232	23-Jan-24	0.1	0.044	0.1	ND	ug/L
EFF-009	PCB-1242	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1242	23-Jan-24	0.1	0.044	0.1	ND	ug/L
EFF-009	PCB-1248	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1248	23-Jan-24	0.1	0.044	0.1	ND	ug/L
EFF-009	PCB-1254	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1254	23-Jan-24	0.1	0.052	0.1	ND	ug/L
EFF-009	PCB-1260	23-Jan-24	5	0.5	5	ND	ug/L
EFF-009	PCB-1260	23-Jan-24	0.1	0.052	0.1	ND	ug/L
EFF-009	Tetryl	23-Jan-24	1.2	1	1.2	ND	ug/L
EFF-009	Tetryl	23-Jan-24	1.6	0.4	1.6	ND	ug/L
EFF-009	Toxaphene	23-Jan-24	10	0.42	10	ND	ug/L
EFF-009	Toxaphene	23-Jan-24	0.067	0.054	0.067	ND	ug/L
EFF-009	1,1,1,2-Tetrachloroethane	01-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-009	1,1-Dichloropropene	01-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-009	1,2,3-Trichlorobenzene	01-Feb-24	0.5	0.26	0.5	ND	ug/L
EFF-009	1,2,3-Trichloropropane	01-Feb-24	0.5	0.31	0.5	ND	ug/L
EFF-009	1,2,4-Trimethylbenzene	01-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-009	1,2-Dibromo-3-Chloropropane	01-Feb-24	1	0.84	1	ND	ug/L
EFF-009	1,2-Dibromoethane	01-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-009	1,3,5-Trimethylbenzene	01-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-009	1,3-Dichloropropane	01-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-009	2-Chlorotoluene	01-Feb-24	0.5	0.23	0.5	ND	ug/L
EFF-009	2-Hexanone	01-Feb-24	6	2	6	ND	ug/L
EFF-009	4-Chlorotoluene	01-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-009	4-Methyl-2-pentanone	01-Feb-24	5	1.6	5	ND	ug/L
EFF-009	Acetone	01-Feb-24	8	3.6	8	ND	ug/L
EFF-009	Bromobenzene	01-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-009	Bromochloromethane	01-Feb-24	1	0.27	1	ND	ug/L
EFF-009	Carbon disulfide	01-Feb-24	1	0.32	1	ND	ug/L
EFF-009	Dibromomethane	01-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-009	Dichlorodifluoromethane	01-Feb-24	1	0.51	1	ND	ug/L
EFF-009	Isopropanol	01-Feb-24	40	18	40	ND	ug/L
EFF-009	Isopropylbenzene	01-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-009	Methyl Ethyl Ketone	01-Feb-24	5	2.9	5	ND	ug/L
EFF-009	Methyl Tert-butyl Ether (MTBE)	01-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-009	n-Butylbenzene	01-Feb-24	0.5	0.24	0.5	ND	ug/L
EFF-009	n-Propylbenzene	01-Feb-24	0.5	0.18	0.5	ND	ug/L
EFF-009	p-Isopropyltoluene	01-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-009	sec-Butylbenzene	01-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-009	Styrene	01-Feb-24	0.5	0.27	0.5	ND	ug/L
EFF-009	tert-Butylbenzene	01-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-009	1,1,1,2-Tetrachloroethane	02-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-009	1,1-Dichloropropene	02-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-009	1,2,3-Trichlorobenzene	02-Feb-24	1	0.19	1	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-009	1,2,3-Trichloropropane	02-Feb-24	1	0.31	1	ND	ug/L
EFF-009	1,2,4-Trimethylbenzene	02-Feb-24	0.5	0.28	0.5	ND	ug/L
EFF-009	1,2-Dibromo-3-Chloropropane	02-Feb-24	1	0.51	1	ND	ug/L
EFF-009	1,2-Dibromoethane	02-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-009	1,3,5-Trimethylbenzene	02-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-009	1,3-Dichloropropane	02-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-009	1,3-Dinitrobenzene	02-Feb-24	1.2	0.5	1.2	ND	ug/L
EFF-009	1,3-Dinitrobenzene	02-Feb-24	1	0.4	1	ND	ug/L
EFF-009	2,4,6-Trinitrotoluene	02-Feb-24	3.7	1.8	3.7	ND	ug/L
EFF-009	2,4,6-Trinitrotoluene	02-Feb-24	1.2	0.89	1.2	ND	ug/L
EFF-009	2,4-Dinitrotoluene	02-Feb-24	1.2	0.52	1.2	ND	ug/L
EFF-009	2,4-Dinitrotoluene	02-Feb-24	0.19	0.11	0.19	ND	ug/L
EFF-009	2,4-Dinitrotoluene	02-Feb-24	0.7	0.33	0.7	ND	ug/L
EFF-009	2,6-Dinitrotoluene	02-Feb-24	0.8	0.35	0.8	ND	ug/L
EFF-009	2,6-Dinitrotoluene	02-Feb-24	1.2	0.46	1.2	ND	ug/L
EFF-009	2,6-Dinitrotoluene	02-Feb-24	0.19	0.17	0.19	ND	ug/L
EFF-009	2-Amino-4,6-dinitrotoluene	02-Feb-24	1.2	0.46	1.2	ND	ug/L
EFF-009	2-Amino-4,6-dinitrotoluene	02-Feb-24	0.85	0.43	0.85	ND	ug/L
EFF-009	2-Chlorotoluene	02-Feb-24	0.5	0.11	0.5	ND	ug/L
EFF-009	2-Hexanone	02-Feb-24	5	2.2	5	ND	ug/L
EFF-009	2-Nitrotoluene	02-Feb-24	1.2	0.4	1.2	ND	ug/L
EFF-009	2-Nitrotoluene	02-Feb-24	0.9	0.43	0.9	ND	ug/L
EFF-009	3-Nitrotoluene	02-Feb-24	0.8	0.38	0.8	ND	ug/L
EFF-009	3-Nitrotoluene	02-Feb-24	1.2	0.45	1.2	ND	ug/L
EFF-009	4,4-DDE	02-Feb-24	0.25	0.009	0.25	ND	ug/L
EFF-009	4,4-DDE	02-Feb-24	0.0033	0.0019	0.0033	ND	ug/L
EFF-009	4-Amino-2,6-dinitrotoluene	02-Feb-24	2	0.92	2	ND	ug/L
EFF-009	4-Amino-2,6-dinitrotoluene	02-Feb-24	1.2	0.44	1.2	ND	ug/L
EFF-009	4-Chlorotoluene	02-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-009	4-Methyl-2-pentanone	02-Feb-24	5	2.6	5	ND	ug/L
EFF-009	4-Nitrotoluene	02-Feb-24	1.2	0.46	1.2	ND	ug/L
EFF-009	4-Nitrotoluene	02-Feb-24	0.9	0.44	0.9	ND	ug/L
EFF-009	Acetone	02-Feb-24	20	16	20	ND	ug/L
EFF-009	Bromobenzene	02-Feb-24	0.5	0.23	0.5	ND	ug/L
EFF-009	Bromochloromethane	02-Feb-24	0.5	0.21	0.5	ND	ug/L
EFF-009	Carbon disulfide	02-Feb-24	1	0.61	1	ND	ug/L
EFF-009	Cyclotrimethylenetrinitramine (RDX)	02-Feb-24	1.2	0.49	1.2	ND	ug/L
EFF-009	Cyclotrimethylenetrinitramine (RDX)	02-Feb-24	1.4	0.64	1.4	ND	ug/L
EFF-009	Dibromomethane	02-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-009	Dichlorodifluoromethane	02-Feb-24	1	0.46	1	ND	ug/L
EFF-009	Isopropanol	02-Feb-24	250	120	250	ND	ug/L
EFF-009	Isopropylbenzene	02-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-009	Methyl Ethyl Ketone	02-Feb-24	5	2.5	5	ND	ug/L
EFF-009	Methyl Tert-butyl Ether (MTBE)	02-Feb-24	0.5	0.22	0.5	ND	ug/L
EFF-009	n-Butylbenzene	02-Feb-24	1	0.22	1	ND	ug/L
EFF-009	Nitrobenzene	02-Feb-24	0.19	0.14	0.19	ND	ug/L
EFF-009	Nitrobenzene	02-Feb-24	1.2	0.45	1.2	ND	ug/L
EFF-009	Nitrobenzene	02-Feb-24	0.9	0.42	0.9	ND	ug/L
EFF-009	n-Propylbenzene	02-Feb-24	0.5	0.3	0.5	ND	ug/L
EFF-009	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02-Feb-24	1.6	0.7	1.6	ND	ug/L
EFF-009	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02-Feb-24	1.2	0.63	1.2	ND	ug/L
EFF-009	p-Isopropyltoluene	02-Feb-24	0.5	0.18	0.5	ND	ug/L
EFF-009	sec-Butylbenzene	02-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-009	Styrene	02-Feb-24	0.5	0.19	0.5	ND	ug/L
EFF-009	tert-Butylbenzene	02-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-009	Tetryl	02-Feb-24	1.2	1	1.2	ND	ug/L
EFF-009	Tetryl	02-Feb-24	1.6	0.4	1.6	ND	ug/L
EFF-009	Bromide	20-Feb-24	100	41	100	ND	ug/L
EFF-009	Perchlorate	24-Mar-24	2	0.91	2	ND	ug/L
EFF-011	1,1,1,2-Tetrachloroethane	05-Feb-24	0.5	0.089	0.5	ND	ug/L
EFF-011	1,1-Dichloropropene	05-Feb-24	0.5	0.25	0.5	ND	ug/L
EFF-011	1,2,3-Trichlorobenzene	05-Feb-24	1	0.16	1	ND	ug/L
EFF-011	1,2,3-Trichloropropane	05-Feb-24	1	0.28	1	ND	ug/L
EFF-011	1,2,4-Trimethylbenzene	05-Feb-24	0.5	0.14	0.5	ND	ug/L
EFF-011	1,2-Dibromo-3-Chloropropane	05-Feb-24	1	0.24	1	ND	ug/L
EFF-011	1,2-Dibromoethane	05-Feb-24	0.5	0.058	0.5	ND	ug/L
EFF-011	1,3,5-Trimethylbenzene	05-Feb-24	0.5	0.16	0.5	ND	ug/L
EFF-011	1,3-Dichloropropane	05-Feb-24	0.5	0.13	0.5	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	05-Feb-24	2	0.59	2	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	05-Feb-24	10	2.9	10	ND	ug/L
EFF-011	2-Chloroethylvinyl Ether	05-Feb-24	5	0.19	5	ND	ug/L
EFF-011	2-Chlorotoluene	05-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-011	2-Hexanone	05-Feb-24	5	0.96	5	ND	ug/L
EFF-011	4-Chlorotoluene	05-Feb-24	0.5	0.097	0.5	ND	ug/L
EFF-011	4-Methyl-2-pentanone	05-Feb-24	5	0.69	5	ND	ug/L
EFF-011	Acetone	05-Feb-24	20	4.4	20	ND	ug/L
EFF-011	Bromobenzene	05-Feb-24	0.5	0.12	0.5	ND	ug/L
EFF-011	Bromochloromethane	05-Feb-24	0.5	0.094	0.5	ND	ug/L
EFF-011	Carbon disulfide	05-Feb-24	1	0.29	1	ND	ug/L
EFF-011	Dibromomethane	05-Feb-24	0.5	0.11	0.5	ND	ug/L
EFF-011	Dichlorodifluoromethane	05-Feb-24	1	0.32	1	ND	ug/L
EFF-011	Isopropanol	05-Feb-24	250	11	250	ND	ug/L
EFF-011	Isopropylbenzene	05-Feb-24	0.5	0.075	0.5	ND	ug/L
EFF-011	Methyl Ethyl Ketone	05-Feb-24	5	2.7	5	ND	ug/L
EFF-011	Methyl Tert-butyl Ether (MTBE)	05-Feb-24	0.5	0.052	0.5	ND	ug/L
EFF-011	n-Butylbenzene	05-Feb-24	1	0.27	1	ND	ug/L
EFF-011	n-Propylbenzene	05-Feb-24	0.5	0.07	0.5	ND	ug/L
EFF-011	p-Isopropyltoluene	05-Feb-24	0.5	0.17	0.5	ND	ug/L
EFF-011	sec-Butylbenzene	05-Feb-24	0.5	0.092	0.5	ND	ug/L
EFF-011	Styrene	05-Feb-24	0.5	0.1	0.5	ND	ug/L
EFF-011	tert-Butylbenzene	05-Feb-24	0.5	0.2	0.5	ND	ug/L
EFF-011	Calcium, Dissolved	02/06/2024	7200	84	2000	=	ug/L
EFF-011	Calcium, Total	02/06/2024	6600	84	2000	=	ug/L
EFF-011	Magnesium, Dissolved	02/06/2024	1600	70	500	=	ug/L
EFF-011	Magnesium, Total	02/06/2024	2300	70	500	=	ug/L
EFF-011	Methoxychlor	06-Feb-24	0.05	0.0038	0.05	ND	ug/L
EFF-011	Molybdenum, Dissolved	06-Feb-24	50	5.9	50	ND	ug/L
EFF-011	Molybdenum, Total	06-Feb-24	50	5.9	50	ND	ug/L
EFF-011	Thallium, Dissolved	06-Feb-24	1	0.11	1	ND	ug/L
EFF-011	Thallium, Dissolved	06-Feb-24	50	8.6	50	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	20-Feb-24	2	0.59	2	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	20-Feb-24	10	2.9	10	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	10-Mar-24	10	2.9	10	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	10-Mar-24	2	0.59	2	ND	ug/L
EFF-011	1,1-Dimethylhydrazine	12-Mar-24	2	0.58	2	ND	ug/L
EFF-011	Hydrazine	12-Mar-24	1	0.4	1	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	2	0.59	2	ND	ug/L
EFF-011	2,2-Dichloro-1,1,1-trifluoroethane	30-Mar-24	10	2.9	10	ND	ug/L
EFF-011	1,1-Dimethylhydrazine	31-Mar-24	2	0.58	2	ND	ug/L
EFF-011	Hydrazine	31-Mar-24	1	0.4	1	ND	ug/L
EFF-018	1,1,1,2-Tetrachloroethane	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-018	1,1-Dichloropropene	03-Jan-24	0.5	0.22	0.5	ND	ug/L
EFF-018	1,2,3-Trichlorobenzene	03-Jan-24	1	0.19	1	ND	ug/L
EFF-018	1,2,3-Trichloropropane	03-Jan-24	1	0.31	1	ND	ug/L
EFF-018	1,2,4-Trimethylbenzene	03-Jan-24	0.5	0.28	0.5	ND	ug/L
EFF-018	1,2-Dibromo-3-Chloropropane	03-Jan-24	1	0.51	1	ND	ug/L
EFF-018	1,2-Dibromoethane	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-018	1,3,5-Trimethylbenzene	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-018	1,3-Dichloropropane	03-Jan-24	0.5	0.21	0.5	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	03-Jan-24	10	5	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	03-Jan-24	2	0.58	2	ND	ug/L
EFF-018	2-Chlorotoluene	03-Jan-24	0.5	0.11	0.5	ND	ug/L
EFF-018	2-Hexanone	03-Jan-24		2.2	5	ND	ug/L
EFF-018	4-Chlorotoluene	03-Jan-24		0.22	0.5	ND	ug/L
EFF-018	4-Methyl-2-pentanone	03-Jan-24	5	2.6	5	ND	ug/L
EFF-018	Acetone	03-Jan-24	20	16	20	ND	ug/L
EFF-018	Bromobenzene	03-Jan-24	0.5	0.23	0.5	ND	ug/L
EFF-018	Carbon disulfide	03-Jan-24	1	0.61	1	ND	ug/L
EFF-018	Dibromomethane	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-018	Dichlorodifluoromethane	03-Jan-24	1	0.46	1	ND	ug/L
EFF-018	Isopropanol	03-Jan-24	250	120	250	ND	ug/L
EFF-018	Isopropylbenzene	03-Jan-24	0.5	0.16	0.5	ND	ug/L
EFF-018	Methyl Ethyl Ketone	03-Jan-24	5	2.5	5	ND	ug/L
EFF-018	Methyl Tert-butyl Ether (MTBE)	03-Jan-24	0.5	0.22	0.5	ND	ug/L
EFF-018	n-Butylbenzene	03-Jan-24	1	0.22	1	ND	ug/L
EFF-018	n-Propylbenzene	03-Jan-24	0.5	0.3	0.5	ND	ug/L
EFF-018	p-Isopropyltoluene	03-Jan-24	0.5	0.18	0.5	ND	ug/L
EFF-018	sec-Butylbenzene	03-Jan-24	0.5	0.2	0.5	ND	ug/L
EFF-018	Styrene	03-Jan-24	0.5	0.19	0.5	ND	ug/L
EFF-018	tert-Butylbenzene	03-Jan-24	0.5	0.17	0.5	ND	ug/L
EFF-018	Hydrazine	04-Jan-24	1	0.4	1	ND	ug/L
EFF-018	Methoxychlor	04-Jan-24	0.05	0.0038	0.05	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	03-Feb-24	10	2.9	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	03-Feb-24	2	0.59	2	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	10	2.9	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	2	0.59	2	ND	ug/L
EFF-018	3,3-Dichlorobenzidine	20-Feb-24	4.9	2.9	4.9	ND	ug/L
EFF-018	Benzidine	20-Feb-24	4.9	2.6	4.9	ND	ug/L
EFF-018	Indeno (1,2,3-cd) Pyrene	20-Feb-24	0.2	0.13	0.2	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	10	2.9	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	2	0.59	2	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	06-Mar-24	10	2.9	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	06-Mar-24	2	0.59	2	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	25-Mar-24	10	2.9	10	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	25-Mar-24	2	0.59	2	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	4	1.2	4	ND	ug/L
EFF-018	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	20	5.8	20	ND	ug/L
EFF-018	1,1-Dimethylhydrazine	31-Mar-24	2	0.58	2	ND	ug/L
EFF-018	Hydrazine	31-Mar-24	1	0.4	1	ND	ug/L
RSW-002	m,p-Xylenes	22-Jan-24	1	0.17	1	ND	ug/L
RSW-002	Methoxychlor	22-Jan-24	0.25	0.019	0.25	ND	ug/L
RSW-002	o-Xylene	22-Jan-24	0.5	0.15	0.5	ND	ug/L
RSW-002	Trichlorofluoromethane	22-Jan-24	0.5	0.29	0.5	ND	ug/L
RSW-002	Xylenes, Total	22-Jan-24	1	0.17	1	ND	ug/L
RSW-003	m,p-Xylenes	22-Jan-24	1	0.17	1	ND	ug/L
RSW-003	Methoxychlor	22-Jan-24	0.25	0.019	0.25	ND	ug/L
RSW-003	o-Xylene	22-Jan-24	0.5	0.15	0.5	ND	ug/L
RSW-003	Trichlorofluoromethane	22-Jan-24	0.5	0.29	0.5	ND	ug/L
RSW-003	Xylenes, Total	22-Jan-24	1	0.17	1	ND	ug/L
SWTS011 (INF001)	1,1,1,2-Tetrachloroethane	05-Feb-24	0.5	0.089	0.5	ND	ug/L
SWTS011 (INF001)	1,1,1,2-Tetrachloroethane	05-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS011 (INF001)	1,1,2-Trichloro-1,2,2-Trifluoroethane	05-Feb-24	0.5	0.25	0.5	ND	ug/L
SWTS011 (INF001)	1,1,2-Trichloro-1,2,2-Trifluoroethane	05-Feb-24	2	1.5	2	ND	ug/L
SWTS011 (INF001)	1,1-Dichloropropene	05-Feb-24	0.5	0.16	0.5	ND	ug/L
SWTS011 (INF001)	1,1-Dichloropropene	05-Feb-24	0.5	0.25	0.5	ND	ug/L
SWTS011 (INF001)	1,2,3-Trichlorobenzene	05-Feb-24	0.5	0.26	0.5	ND	ug/L
SWTS011 (INF001)	1,2,3-Trichlorobenzene	05-Feb-24	1	0.16	1	ND	ug/L
SWTS011 (INF001)	1,2,3-Trichloropropane	05-Feb-24	0.5	0.31	0.5	ND	ug/L
SWTS011 (INF001)	1,2,3-Trichloropropane	05-Feb-24	1	0.28	1	ND	ug/L
SWTS011 (INF001)	1,2,4-Trichlorobenzene	05-Feb-24	1	0.2	1	ND	ug/L
SWTS011 (INF001)	1,2,4-Trichlorobenzene	05-Feb-24	0.5	0.26	0.5	ND	ug/L
SWTS011 (INF001)	1,2,4-Trichlorobenzene	05-Feb-24	0.19	0.12	0.19	ND	ug/L
SWTS011 (INF001)	1,2,4-Trimethylbenzene	05-Feb-24	0.5	0.22	0.5	ND	ug/L
SWTS011 (INF001)	1,2,4-Trimethylbenzene	05-Feb-24	0.5	0.14	0.5	ND	ug/L
SWTS011 (INF001)	1,2-Dibromoethane	05-Feb-24	0.5	0.27	0.5	ND	ug/L
SWTS011 (INF001)	1,2-Dibromoethane	05-Feb-24	0.5	0.058	0.5	ND	ug/L
SWTS011 (INF001)	1,2-Dichloroethane	05-Feb-24	0.5	0.055	0.5	ND	ug/L
SWTS011 (INF001)	1,2-Dichloroethane	05-Feb-24	0.5	0.14	0.5	ND	ug/L
SWTS011 (INF001)	1,3,5-Trimethylbenzene	05-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS011 (INF001)	1,3,5-Trimethylbenzene	05-Feb-24	0.5	0.16	0.5	ND	ug/L
SWTS011 (INF001)	1,3-Dichloropropane	05-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS011 (INF001)	1,3-Dichloropropane	05-Feb-24	0.5	0.13	0.5	ND	ug/L
SWTS011 (INF001)	1,3-Dinitrobenzene	05-Feb-24	1	0.4	1	ND	ug/L
SWTS011 (INF001)	1,3-Dinitrobenzene	05-Feb-24	1.2	0.49	1.2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	05-Feb-24	2	0.59	2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	05-Feb-24	10	2.9	10	ND	ug/L
SWTS011 (INF001)	2,2-Dichloropropane	05-Feb-24	0.5	0.26	0.5	ND	ug/L
SWTS011 (INF001)	2,4,6-Trinitrotoluene	05-Feb-24	1.2	0.86	1.2	ND	ug/L
SWTS011 (INF001)	2,4,6-Trinitrotoluene	05-Feb-24	3.7	1.8	3.7	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	05-Feb-24	0.19	0.11	0.19	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	05-Feb-24	1.2	0.51	1.2	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	05-Feb-24	0.7	0.33	0.7	ND	ug/L
SWTS011 (INF001)	2,6-Dinitrotoluene	05-Feb-24	1.2	0.44	1.2	ND	ug/L
SWTS011 (INF001)	2,6-Dinitrotoluene	05-Feb-24	0.19	0.18	0.19	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
SWTS011 (INF001)	2,6-Dinitrotoluene	05-Feb-24	0.8	0.35	0.8	ND	ug/L
SWTS011 (INF001)	2-Amino-4,6-dinitrotoluene	05-Feb-24	0.85	0.43	0.85	ND	ug/L
SWTS011 (INF001)	2-Amino-4,6-dinitrotoluene	05-Feb-24	1.2	0.45	1.2	ND	ug/L
SWTS011 (INF001)	2-Chlorotoluene	05-Feb-24	0.5	0.23	0.5	ND	ug/L
SWTS011 (INF001)	2-Chlorotoluene	05-Feb-24	0.5	0.12	0.5	ND	ug/L
SWTS011 (INF001)	2-Hexanone	05-Feb-24	6	2	6	ND	ug/L
SWTS011 (INF001)	2-Hexanone	05-Feb-24	5	0.96	5	ND	ug/L
SWTS011 (INF001)	2-Nitrotoluene	05-Feb-24	1.2	0.39	1.2	ND	ug/L
SWTS011 (INF001)	2-Nitrotoluene	05-Feb-24	0.9	0.43	0.9	ND	ug/L
SWTS011 (INF001)	3-Nitrotoluene	05-Feb-24	1.2	0.44	1.2	ND	ug/L
SWTS011 (INF001)	3-Nitrotoluene	05-Feb-24	0.8	0.38	0.8	ND	ug/L
SWTS011 (INF001)	4,4-DDD	05-Feb-24	0.0067	0.0044	0.0067	ND	ug/L
SWTS011 (INF001)	4,4-DDD	05-Feb-24	0.1	0.0054	0.1	ND	ug/L
SWTS011 (INF001)	4,4-DDE	05-Feb-24	0.1	0.0036	0.1	ND	ug/L
SWTS011 (INF001)	4,4-DDE	05-Feb-24	0.0033	0.0019	0.0033	ND	ug/L
SWTS011 (INF001)	4,4-DDT	05-Feb-24	0.1	0.1	0.1	ND	ug/L
SWTS011 (INF001)	4,4-DDT	05-Feb-24	0.0033	0.0016	0.0033	ND	ug/L
SWTS011 (INF001)	4-Amino-2,6-dinitrotoluene	05-Feb-24	1.2	0.43	1.2	ND	ug/L
SWTS011 (INF001)	4-Amino-2,6-dinitrotoluene	05-Feb-24	2	0.92	2	ND	ug/L
SWTS011 (INF001)	4-Chlorotoluene	05-Feb-24	0.5	0.24	0.5	ND	ug/L
SWTS011 (INF001)	4-Chlorotoluene	05-Feb-24	0.5	0.097	0.5	ND	ug/L
SWTS011 (INF001)	4-Methyl-2-pentanone	05-Feb-24	5	1.6	5	ND	ug/L
SWTS011 (INF001)	4-Methyl-2-pentanone	05-Feb-24	5	0.69	5	ND	ug/L
SWTS011 (INF001)	4-Nitrotoluene	05-Feb-24	1.2	0.45	1.2	ND	ug/L
SWTS011 (INF001)	4-Nitrotoluene	05-Feb-24	0.9	0.44	0.9	ND	ug/L
SWTS011 (INF001)	Acetone	05-Feb-24	8	3.6	8	ND	ug/L
SWTS011 (INF001)	Acetone	05-Feb-24	20	4.4	20	ND	ug/L
SWTS011 (INF001)	Aldrin	05-Feb-24	0.0033	0.0031	0.0033	ND	ug/L
SWTS011 (INF001)	Aldrin	05-Feb-24	0.1	0.002	0.1	ND	ug/L
SWTS011 (INF001)	alpha-BHC	05-Feb-24	0.1	0.0049	0.1	ND	ug/L
SWTS011 (INF001)	alpha-BHC	05-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS011 (INF001)	beta-BHC	05-Feb-24	0.005	0.0039	0.005	ND	ug/L
SWTS011 (INF001)	beta-BHC	05-Feb-24	0.1	0.003	0.1	ND	ug/L
SWTS011 (INF001)	Bromobenzene	05-Feb-24	0.5	0.12	0.5	ND	ug/L
SWTS011 (INF001)	Bromobenzene	05-Feb-24	0.5	0.14	0.5	ND	ug/L
SWTS011 (INF001)	Bromochloromethane	05-Feb-24	0.5	0.094	0.5	ND	ug/L
SWTS011 (INF001)	Bromochloromethane	05-Feb-24	1	0.27	1	ND	ug/L
SWTS011 (INF001)	Bromomethane	05-Feb-24	0.5	0.44	0.5	ND	ug/L
SWTS011 (INF001)	Bromomethane	05-Feb-24	2	1.9	2	ND	ug/L
SWTS011 (INF001)	Carbon disulfide	05-Feb-24	1	0.29	1	ND	ug/L
SWTS011 (INF001)	Carbon disulfide	05-Feb-24	1	0.32	1	ND	ug/L
SWTS011 (INF001)	Chlordane	05-Feb-24	0.1	0.086	0.1	ND	ug/L
SWTS011 (INF001)	Chlordane	05-Feb-24	0.033	0.026	0.033	ND	ug/L
SWTS011 (INF001)	Cyclotrimethylenetrinitramine (RDX)	05-Feb-24	1.2	0.48	1.2	ND	ug/L
SWTS011 (INF001)	Cyclotrimethylenetrinitramine (RDX)	05-Feb-24	1.4	0.64	1.4	ND	ug/L
SWTS011 (INF001)	delta-BHC	05-Feb-24	0.0033	0.002	0.0033	ND	ug/L
SWTS011 (INF001)	delta-BHC	05-Feb-24	0.1	0.1	0.1	ND	ug/L
SWTS011 (INF001)	Dibromochloromethane	05-Feb-24	0.5	0.065	0.5	ND	ug/L
SWTS011 (INF001)	Dibromochloromethane	05-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS011 (INF001)	Dibromomethane	05-Feb-24	0.5	0.16	0.5	ND	ug/L
SWTS011 (INF001)	Dibromomethane	05-Feb-24	0.5	0.11	0.5	ND	ug/L
SWTS011 (INF001)	Dichlorodifluoromethane	05-Feb-24	1	0.32	1	ND	ug/L
SWTS011 (INF001)	Dichlorodifluoromethane	05-Feb-24	1	0.51	1	ND	ug/L
SWTS011 (INF001)	Dieldrin	05-Feb-24	0.0033	0.0013	0.0033	ND	ug/L
SWTS011 (INF001)	Dieldrin	05-Feb-24	0.1	0.0034	0.1	ND	ug/L
SWTS011 (INF001)	Endosulfan I	05-Feb-24	0.1	0.0038	0.1	ND	ug/L
SWTS011 (INF001)	Endosulfan I	05-Feb-24	0.0013	0.0013	0.0013	ND	ug/L
SWTS011 (INF001)	Endosulfan II	05-Feb-24	0.0067	0.0041	0.0067	ND	ug/L
SWTS011 (INF001)	Endosulfan II	05-Feb-24	0.1	0.0038	0.1	ND	ug/L
SWTS011 (INF001)	Endosulfan Sulfate	05-Feb-24	0.0033	0.0014	0.0033	ND	ug/L
SWTS011 (INF001)	Endosulfan Sulfate	05-Feb-24	0.1	0.0059	0.1	ND	ug/L
SWTS011 (INF001)	Endrin	05-Feb-24	0.0033	0.0023	0.0033	ND	ug/L
SWTS011 (INF001)	Endrin	05-Feb-24	0.1	0.0034	0.1	ND	ug/L
SWTS011 (INF001)	Endrin Aldehyde	05-Feb-24	0.033	0.024	0.033	ND	ug/L
SWTS011 (INF001)	Endrin Aldehyde	05-Feb-24	0.1	0.0038	0.1	ND	ug/L
SWTS011 (INF001)	gamma-BHC	05-Feb-24	0.1	0.003	0.1	ND	ug/L
SWTS011 (INF001)	gamma-BHC	05-Feb-24	0.0013	0.00066	0.0013	ND	ug/L
SWTS011 (INF001)	Heptachlor	05-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS011 (INF001)	Heptachlor	05-Feb-24	0.1	0.0046	0.1	ND	ug/L
SWTS011 (INF001)	Heptachlor Epoxide	05-Feb-24	0.1	0.0036	0.1	ND	ug/L
SWTS011 (INF001)	Heptachlor Epoxide	05-Feb-24	0.0067	0.0039	0.0067	ND	ug/L
SWTS011 (INF001)	Isopropylbenzene	05-Feb-24	0.5	0.075	0.5	ND	ug/L
SWTS011 (INF001)	Isopropylbenzene	05-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS011 (INF001)	Methoxychlor	05-Feb-24	0.0067	0.0037	0.0067	ND	ug/L
SWTS011 (INF001)	Methoxychlor	05-Feb-24	0.1	0.0076	0.1	ND	ug/L
SWTS011 (INF001)	Methyl Ethyl Ketone	05-Feb-24	5	2.9	5	ND	ug/L
SWTS011 (INF001)	Methyl Ethyl Ketone	05-Feb-24	5	2.7	5	ND	ug/L
SWTS011 (INF001)	Naphthalene	05-Feb-24	1	0.55	1	ND	ug/L
SWTS011 (INF001)	Naphthalene	05-Feb-24	1	0.19	1	ND	ug/L
SWTS011 (INF001)	Naphthalene	05-Feb-24	0.19	0.11	0.19	ND	ug/L
SWTS011 (INF001)	n-Butylbenzene	05-Feb-24	1	0.27	1	ND	ug/L
SWTS011 (INF001)	n-Butylbenzene	05-Feb-24	0.5	0.24	0.5	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	05-Feb-24	1.2	0.44	1.2	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	05-Feb-24	0.9	0.42	0.9	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	05-Feb-24	0.19	0.14	0.19	ND	ug/L
SWTS011 (INF001)	n-Propylbenzene	05-Feb-24	0.5	0.07	0.5	ND	ug/L
SWTS011 (INF001)	n-Propylbenzene	05-Feb-24	0.5	0.18	0.5	ND	ug/L
SWTS011 (INF001)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	05-Feb-24	1.6	0.7	1.6	ND	ug/L
SWTS011 (INF001)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	05-Feb-24	1.2	0.62	1.2	ND	ug/L
SWTS011 (INF001)	PCB-1016	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1016	05-Feb-24	0.1	0.044	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1221	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1221	05-Feb-24	0.1	0.044	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1232	05-Feb-24	0.1	0.044	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1232	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1242	05-Feb-24	0.1	0.044	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1242	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1248	05-Feb-24	0.1	0.044	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1248	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1254	05-Feb-24	2	0.2	2	ND	ug/L
SWTS011 (INF001)	PCB-1254	05-Feb-24	0.1	0.052	0.1	ND	ug/L
SWTS011 (INF001)	PCB-1260	05-Feb-24	2	0.2	2	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
SWTS011 (INF001)	PCB-1260	05-Feb-24	0.1	0.052	0.1	ND	ug/L
SWTS011 (INF001)	p-Isopropyltoluene	05-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS011 (INF001)	p-Isopropyltoluene	05-Feb-24	0.5	0.17	0.5	ND	ug/L
SWTS011 (INF001)	sec-Butylbenzene	05-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS011 (INF001)	sec-Butylbenzene	05-Feb-24	0.5	0.092	0.5	ND	ug/L
SWTS011 (INF001)	Styrene	05-Feb-24	0.5	0.27	0.5	ND	ug/L
SWTS011 (INF001)	Styrene	05-Feb-24	0.5	0.1	0.5	ND	ug/L
SWTS011 (INF001)	tert-Butylbenzene	05-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS011 (INF001)	tert-Butylbenzene	05-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS011 (INF001)	Tetryl	05-Feb-24	1.6	0.4	1.6	ND	ug/L
SWTS011 (INF001)	Tetryl	05-Feb-24	1.2	1	1.2	ND	ug/L
SWTS011 (INF001)	Toxaphene	05-Feb-24	4	0.5	4	ND	ug/L
SWTS011 (INF001)	Toxaphene	05-Feb-24	0.067	0.054	0.067	ND	ug/L
SWTS011 (INF001)	1,1,1,2-Tetrachloroethane	19-Feb-24	0.5	0.089	0.5	ND	ug/L
SWTS011 (INF001)	1,1,1,2-Tetrachloroethane	19-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS011 (INF001)	1,1,2-Trichloro-1,2,2-Trifluoroethane	19-Feb-24	2	1.5	2	ND	ug/L
SWTS011 (INF001)	1,1,2-Trichloro-1,2,2-Trifluoroethane	19-Feb-24	0.5	0.25	0.5	ND	ug/L
SWTS011 (INF001)	1,1-Dimethylhydrazine	19-Feb-24	2	0.58	2	ND	ug/L
SWTS011 (INF001)	1,3,5-Trinitrobenzene	19-Feb-24	1.2	0.64	1.2	ND	ug/L
SWTS011 (INF001)	1,3-Dinitrobenzene	19-Feb-24	1	0.4	1	ND	ug/L
SWTS011 (INF001)	1,3-Dinitrobenzene	19-Feb-24		0.51	1.2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24		0.59	2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	19-Feb-24	10	2.9	10	ND	ug/L
SWTS011 (INF001)	2,2-Dichloropropane	19-Feb-24	0.5	0.26	0.5	ND	ug/L
SWTS011 (INF001)	2,4,6-Trinitrotoluene	19-Feb-24	3.7	1.8	3.7	ND	ug/L
SWTS011 (INF001)	2,4,6-Trinitrotoluene	19-Feb-24	1.2	0.9	1.2	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	19-Feb-24	1.2	0.53	1.2	ND	ug/L
SWTS011 (INF001)	2,4,6-Trinitrotoluene	19-Feb-24	1.2	0.9	1.2	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	19-Feb-24	1.2	0.53	1.2	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	19-Feb-24	0.7	0.33	0.7	ND	ug/L
SWTS011 (INF001)	2,4-Dinitrotoluene	19-Feb-24	0.19	0.11	0.19	ND	ug/L
SWTS011 (INF001)	2,6-Dinitrotoluene	19-Feb-24	0.8	0.35	0.8	ND	ug/L
SWTS011 (INF001)	2,6-Dinitrotoluene	19-Feb-24	0.19	0.17	0.19	ND	ug/L
SWTS011 (INF001)	2,6-Dinitrotoluene	19-Feb-24	1.2	0.46	1.2	ND	ug/L
SWTS011 (INF001)	2-Amino-4,6-dinitrotoluene	19-Feb-24	1.2	0.47	1.2	ND	ug/L
SWTS011 (INF001)	2-Amino-4,6-dinitrotoluene	19-Feb-24	0.85	0.43	0.85	ND	ug/L
SWTS011 (INF001)	2-Nitrotoluene	19-Feb-24	1.2	0.41	1.2	ND	ug/L
SWTS011 (INF001)	2-Nitrotoluene	19-Feb-24	0.9	0.43	0.9	ND	ug/L
SWTS011 (INF001)	3-Nitrotoluene	19-Feb-24	0.8	0.38	0.8	ND	ug/L
SWTS011 (INF001)	3-Nitrotoluene	19-Feb-24	1.2	0.46	1.2	ND	ug/L
SWTS011 (INF001)	4,4-DDE	19-Feb-24	1	0.036	1	ND	ug/L
SWTS011 (INF001)	4,4-DDE	19-Feb-24	0.0033	0.0019	0.0033	ND	ug/L
SWTS011 (INF001)	4-Amino-2,6-dinitrotoluene	19-Feb-24	2	0.92	2	ND	ug/L
SWTS011 (INF001)	4-Amino-2,6-dinitrotoluene	19-Feb-24	1.2	0.45	1.2	ND	ug/L
SWTS011 (INF001)	4-Nitrotoluene	19-Feb-24	1.2	0.47	1.2	ND	ug/L
SWTS011 (INF001)	4-Nitrotoluene	19-Feb-24	0.9	0.44	0.9	ND	ug/L
SWTS011 (INF001)	Acetone	19-Feb-24	20	4.4	20	ND	ug/L
SWTS011 (INF001)	Acetone	19-Feb-24	8	3.6	8	ND	ug/L
SWTS011 (INF001)	alpha-BHC	19-Feb-24	1	0.049	1	ND	ug/L
SWTS011 (INF001)	alpha-BHC	19-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS011 (INF001)	Cyclotrimethylenetrinitramine (RDX)	19-Feb-24	1.2	0.5	1.2	ND	ug/L
SWTS011 (INF001)	Cyclotrimethylenetrinitramine (RDX)	19-Feb-24	1.4	0.64	1.4	ND	ug/L
SWTS011 (INF001)	Heptachlor	19-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS011 (INF001)	Heptachlor	19-Feb-24	1	0.046	1	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	19-Feb-24	1.2	0.45	1.2	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	19-Feb-24	0.9	0.42	0.9	ND	ug/L
SWTS011 (INF001)	Nitrobenzene	19-Feb-24	0.19	0.14	0.19	ND	ug/L
SWTS011 (INF001)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	19-Feb-24	1.6	0.7	1.6	ND	ug/L
SWTS011 (INF001)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	19-Feb-24	1.2	0.65	1.2	ND	ug/L
SWTS011 (INF001)	Tetryl	19-Feb-24	1.2	1.1	1.2	ND	ug/L
SWTS011 (INF001)	Tetryl	19-Feb-24	1.6	0.4	1.6	ND	ug/L
SWTS011 (INF001)	1,1-Dimethylhydrazine	10-Mar-24	2	0.58	2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	10-Mar-24	2	0.59	2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	10-Mar-24	10	2.9	10	ND	ug/L
SWTS011 (INF001)	1,1-Dimethylhydrazine	29-Mar-24	2	0.58	2	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	4	1.2	4	ND	ug/L
SWTS011 (INF001)	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	20	5.8	20	ND	ug/L
SWTS011 (INF001)	Hydrazine	29-Mar-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Jan-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Jan-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Jan-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Jan-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,1,2-Trichloro-1,2,2-Trifluoroethane	02-Jan-24	1	0.5	1	ND	ug/L
SWTS018 (INF002)	1,1,2-Trichloro-1,2,2-Trifluoroethane	02-Jan-24	2	0.33	2	ND	ug/L
SWTS018 (INF002)	1,1-Dichloropropene	02-Jan-24	1	0.32	1	ND	ug/L
SWTS018 (INF002)	1,1-Dichloropropene	02-Jan-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	02-Jan-24	1	0.58	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichlorobenzene	02-Jan-24	1	0.52	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichlorobenzene	02-Jan-24	1	0.19	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichloropropane	02-Jan-24	1	0.31	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichloropropane	02-Jan-24	1	0.62	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Jan-24	1	0.52	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Jan-24	0.19	0.12	0.19	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Jan-24	1	0.29	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trimethylbenzene	02-Jan-24	0.5	0.28	0.5	ND	ug/L
SWTS018 (INF002)	1,2,4-Trimethylbenzene	02-Jan-24	1	0.45	1	ND	ug/L
SWTS018 (INF002)	1,2-Dibromoethane	02-Jan-24	1	0.53	1	ND	ug/L
SWTS018 (INF002)	1,2-Dibromoethane	02-Jan-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	1,3,5-Trimethylbenzene	02-Jan-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,3,5-Trimethylbenzene	02-Jan-24	1	0.37	1	ND	ug/L
SWTS018 (INF002)	1,3-Dichloropropane	02-Jan-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	1,3-Dichloropropane	02-Jan-24	1	0.38	1	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	02-Jan-24	2	0.58	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	02-Jan-24	10	5	10	ND	ug/L
SWTS018 (INF002)	2,2-Dichloropropane	02-Jan-24	1	0.51	1	ND	ug/L
SWTS018 (INF002)	2,4-Dinitrotoluene	02-Jan-24	0.7	0.33	0.7	ND	ug/L
SWTS018 (INF002)	2,4-Dinitrotoluene	02-Jan-24	0.19	0.11	0.19	ND	ug/L
SWTS018 (INF002)	2,6-Dinitrotoluene	02-Jan-24	0.19	0.17	0.19	ND	ug/L
SWTS018 (INF002)	2,6-Dinitrotoluene	02-Jan-24	0.8	0.35	0.8	ND	ug/L
SWTS018 (INF002)	2-Chlorotoluene	02-Jan-24	1	0.46	1	ND	ug/L
SWTS018 (INF002)	2-Chlorotoluene	02-Jan-24	0.5	0.11	0.5	ND	ug/L
SWTS018 (INF002)	2-Hexanone	02-Jan-24	5	2.2	5	ND	ug/L
SWTS018 (INF002)	2-Hexanone	02-Jan-24	12	4.1	12	ND	ug/L
SWTS018 (INF002)	4-Chlorotoluene	02-Jan-24	1	0.48	1	ND	ug/L
SWTS018 (INF002)	4-Chlorotoluene	02-Jan-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	4-Methyl-2-pentanone	02-Jan-24	10	3.3	10	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
SWTS018 (INF002)	4-Methyl-2-pentanone	02-Jan-24	5	2.6	5	ND	ug/L
SWTS018 (INF002)	Acetone	02-Jan-24	16	7.1	16	ND	ug/L
SWTS018 (INF002)	Acetone	02-Jan-24	20	16	20	ND	ug/L
SWTS018 (INF002)	Bromobenzene	02-Jan-24	0.5	0.23	0.5	ND	ug/L
SWTS018 (INF002)	Bromobenzene	02-Jan-24	1	0.28	1	ND	ug/L
SWTS018 (INF002)	Bromochloromethane	02-Jan-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	Bromochloromethane	02-Jan-24	2	0.55	2	ND	ug/L
SWTS018 (INF002)	Carbon disulfide	02-Jan-24	1	0.61	1	ND	ug/L
SWTS018 (INF002)	Carbon disulfide	02-Jan-24	2	0.65	2	ND	ug/L
SWTS018 (INF002)	Chlorotrifluoroethene	02-Jan-24	4	3.2	4	ND	ug/L
SWTS018 (INF002)	cis-1,2-Dichloroethene	02-Jan-24	1	0.31	1	ND	ug/L
SWTS018 (INF002)	cis-1,2-Dichloroethene	02-Jan-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	cis-1,3-Dichloropropene	02-Jan-24	1	0.31	1	ND	ug/L
SWTS018 (INF002)	cis-1,3-Dichloropropene	02-Jan-24	0.5	0.3	0.5	ND	ug/L
SWTS018 (INF002)	Dibromomethane	02-Jan-24	1	0.32	1	ND	ug/L
SWTS018 (INF002)	Dibromomethane	02-Jan-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	Dichlorobromomethane	02-Jan-24	1	0.31	1	ND	ug/L
SWTS018 (INF002)	Dichlorobromomethane	02-Jan-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	Dichlorodifluoromethane	02-Jan-24	2	1	2	ND	ug/L
SWTS018 (INF002)	Dichlorodifluoromethane	02-Jan-24	1	0.46	1	ND	ug/L
SWTS018 (INF002)	Hexachlorobutadiene	02-Jan-24	0.19	0.15	0.19	ND	ug/L
SWTS018 (INF002)	Hexachlorobutadiene	02-Jan-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	Hexachlorocyclopentadiene	02-Jan-24	0.19	0.15	0.19	ND	ug/L
SWTS018 (INF002)	Indeno (1,2,3-cd) Pyrene	02-Jan-24	0.19	0.12	0.19	ND	ug/L
SWTS018 (INF002)	Isopropylbenzene	02-Jan-24	0.5	0.16	0.5	ND	ug/L
SWTS018 (INF002)	Isopropylbenzene	02-Jan-24	1	0.42	1	ND	ug/L
SWTS018 (INF002)	Methyl Ethyl Ketone	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	Methyl Ethyl Ketone	02-Jan-24	10	5.7	10	ND	ug/L
SWTS018 (INF002)	Methyl Tert-butyl Ether (MTBE)	02-Jan-24	1	0.28	1	ND	ug/L
SWTS018 (INF002)	Methyl Tert-butyl Ether (MTBE)	02-Jan-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	n-Butylbenzene	02-Jan-24	1	0.22	1	ND	ug/L
SWTS018 (INF002)	n-Butylbenzene	02-Jan-24	1	0.48	1	ND	ug/L
SWTS018 (INF002)	Nitrobenzene	02-Jan-24	0.19	0.14	0.19	ND	ug/L
SWTS018 (INF002)	Nitrobenzene	02-Jan-24	0.9	0.42	0.9	ND	ug/L
SWTS018 (INF002)	n-Propylbenzene	02-Jan-24	1	0.35	1	ND	ug/L
SWTS018 (INF002)	n-Propylbenzene	02-Jan-24	0.5	0.3	0.5	ND	ug/L
SWTS018 (INF002)	PCB-1016	02-Jan-24	0.1	0.044	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1016	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1221	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1221	02-Jan-24	0.1	0.044	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1232	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1232	02-Jan-24	0.1	0.044	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1242	02-Jan-24	0.1	0.044	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1242	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1248	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1248	02-Jan-24	0.1	0.044	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1254	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	PCB-1254	02-Jan-24	0.1	0.052	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1260	02-Jan-24	0.1	0.052	0.1	ND	ug/L
SWTS018 (INF002)	PCB-1260	02-Jan-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	p-Isopropyltoluene	02-Jan-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	p-Isopropyltoluene	02-Jan-24	0.5	0.18	0.5	ND	ug/L
SWTS018 (INF002)	sec-Butylbenzene	02-Jan-24	1	0.39	1	ND	ug/L
SWTS018 (INF002)	sec-Butylbenzene	02-Jan-24	0.5	0.2	0.5	ND	ug/L
SWTS018 (INF002)	Styrene	02-Jan-24	1	0.55	1	ND	ug/L
SWTS018 (INF002)	Styrene	02-Jan-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	tert-Butylbenzene	02-Jan-24	1	0.41	1	ND	ug/L
SWTS018 (INF002)	tert-Butylbenzene	02-Jan-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Feb-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1,1,2-Tetrachloroethane	02-Feb-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,1,2-Trichloro-1,2,2-Trifluoroethane	02-Feb-24	2	0.33	2	ND	ug/L
SWTS018 (INF002)	1,1,2-Trichloro-1,2,2-Trifluoroethane	02-Feb-24	1	0.5	1	ND	ug/L
SWTS018 (INF002)	1,1-Dichloropropene	02-Feb-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	1,1-Dichloropropene	02-Feb-24	1	0.32	1	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	02-Feb-24	2	0.58	2	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichlorobenzene	02-Feb-24	1	0.52	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichlorobenzene	02-Feb-24	1	0.19	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichloropropane	02-Feb-24	1	0.31	1	ND	ug/L
SWTS018 (INF002)	1,2,3-Trichloropropane	02-Feb-24	1	0.62	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Feb-24	0.2	0.13	0.2	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Feb-24	1	0.29	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trichlorobenzene	02-Feb-24	1	0.52	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trimethylbenzene	02-Feb-24	1	0.45	1	ND	ug/L
SWTS018 (INF002)	1,2,4-Trimethylbenzene	02-Feb-24	0.5	0.28	0.5	ND	ug/L
SWTS018 (INF002)	1,2-Dibromoethane	02-Feb-24	1	0.53	1	ND	ug/L
SWTS018 (INF002)	1,2-Dibromoethane	02-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	1,2-Dichloroethane	02-Feb-24	1	0.27	1	ND	ug/L
SWTS018 (INF002)	1,2-Dichloroethane	02-Feb-24	0.5	0.15	0.5	ND	ug/L
SWTS018 (INF002)	1,2-Dichloropropane	02-Feb-24	1	0.29	1	ND	ug/L
SWTS018 (INF002)	1,2-Dichloropropane	02-Feb-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,3,5-Trimethylbenzene	02-Feb-24	1	0.37	1	ND	ug/L
SWTS018 (INF002)	1,3,5-Trimethylbenzene	02-Feb-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,3-Dichloropropane	02-Feb-24	1	0.38	1	ND	ug/L
SWTS018 (INF002)	1,3-Dichloropropane	02-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	02-Feb-24	2	0.58	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	02-Feb-24	10	5	10	ND	ug/L
SWTS018 (INF002)	2,2-Dichloropropane	02-Feb-24	1	0.51	1	ND	ug/L
SWTS018 (INF002)	2,4-Dinitrotoluene	02-Feb-24	0.7	0.33	0.7	ND	ug/L
SWTS018 (INF002)	2,4-Dinitrotoluene	02-Feb-24	0.2	0.12	0.2	ND	ug/L
SWTS018 (INF002)	2,6-Dinitrotoluene	02-Feb-24	0.8	0.35	0.8	ND	ug/L
SWTS018 (INF002)	2,6-Dinitrotoluene	02-Feb-24	0.2	0.18	0.2	ND	ug/L
SWTS018 (INF002)	2-Chlorotoluene	02-Feb-24	1	0.46	1	ND	ug/L
SWTS018 (INF002)	2-Chlorotoluene	02-Feb-24	0.5	0.11	0.5	ND	ug/L
SWTS018 (INF002)	2-Hexanone	02-Feb-24	5	2.2	5	ND	ug/L
SWTS018 (INF002)	2-Hexanone	02-Feb-24	12	4.1	12	ND	ug/L
SWTS018 (INF002)	3-Methylphenol/4-Methylphenol Coelution	02-Feb-24	2	0.2	2	ND	ug/L
SWTS018 (INF002)	4,4-DDE	02-Feb-24	0.0033	0.0019	0.0033	ND	ug/L
SWTS018 (INF002)	4,4-DDE	02-Feb-24	0.25	0.009	0.25	ND	ug/L
SWTS018 (INF002)	4-Chlorotoluene	02-Feb-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	4-Chlorotoluene	02-Feb-24	1	0.48	1	ND	ug/L
SWTS018 (INF002)	4-Methyl-2-pentanone	02-Feb-24	10	3.3	10	ND	ug/L
SWTS018 (INF002)	4-Methyl-2-pentanone	02-Feb-24	5	2.6	5	ND	ug/L

TABLE C-10
ADDITIONAL RESULTS
FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

LOCATION	ANALYTE[3]	DATE	RESULT	MDL	RL	LAB/VALIDATION QUALIFIER	UNITS
SWTS018 (INF002)	alpha-BHC	02-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS018 (INF002)	alpha-BHC	02-Feb-24	0.25	0.012	0.25	ND	ug/L
SWTS018 (INF002)	Benzene	02-Feb-24	0.5	0.28	0.5	ND	ug/L
SWTS018 (INF002)	Benzene	02-Feb-24	1	0.28	1	ND	ug/L
SWTS018 (INF002)	Bromobenzene	02-Feb-24	1	0.28	1	ND	ug/L
SWTS018 (INF002)	Bromobenzene	02-Feb-24	0.5	0.23	0.5	ND	ug/L
SWTS018 (INF002)	Bromochloromethane	02-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	Bromochloromethane	02-Feb-24	2	0.55	2	ND	ug/L
SWTS018 (INF002)	Bromomethane	02-Feb-24	4	3.7	4	ND	ug/L
SWTS018 (INF002)	Bromomethane	02-Feb-24	0.5	0.22	0.5	ND	ug/L
SWTS018 (INF002)	Carbon disulfide	02-Feb-24	2	0.65	2	ND	ug/L
SWTS018 (INF002)	Carbon disulfide	02-Feb-24	1	0.61	1	ND	ug/L
SWTS018 (INF002)	Chlorobenzene	02-Feb-24	1	0.24	1	ND	ug/L
SWTS018 (INF002)	Chlorobenzene	02-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	Chloroethane	02-Feb-24	1	0.29	1	ND	ug/L
SWTS018 (INF002)	Chloroethane	02-Feb-24	1	0.75	1	ND	ug/L
SWTS018 (INF002)	Chloromethane	02-Feb-24	2	1.3	2	ND	ug/L
SWTS018 (INF002)	Chloromethane	02-Feb-24	0.5	0.3	0.5	ND	ug/L
SWTS018 (INF002)	Cyclotrimethylenetrinitramine (RDX)	02-Feb-24	1.4	0.64	1.4	ND	ug/L
SWTS018 (INF002)	Dibromomethane	02-Feb-24	1	0.32	1	ND	ug/L
SWTS018 (INF002)	Dibromomethane	02-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	Dichlorodifluoromethane	02-Feb-24	2	1	2	ND	ug/L
SWTS018 (INF002)	Dichlorodifluoromethane	02-Feb-24	1	0.46	1	ND	ug/L
SWTS018 (INF002)	Gasoline	02-Feb-24	50	29	50	ND	ug/L
SWTS018 (INF002)	Heptachlor	02-Feb-24	0.25	0.012	0.25	ND	ug/L
SWTS018 (INF002)	Heptachlor	02-Feb-24	0.0013	0.0012	0.0013	ND	ug/L
SWTS018 (INF002)	Hexachlorobutadiene	02-Feb-24	0.2	0.15	0.2	ND	ug/L
SWTS018 (INF002)	Hexachlorobutadiene	02-Feb-24	0.5	0.21	0.5	ND	ug/L
SWTS018 (INF002)	Hexachlorocyclopentadiene	02-Feb-24	0.2	0.15	0.2	ND	ug/L
SWTS018 (INF002)	Hexane	02-Feb-24	10	4.8	10	ND	ug/L
SWTS018 (INF002)	Hydrazine	02-Feb-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	Indeno (1,2,3-cd) Pyrene	02-Feb-24	0.2	0.13	0.2	ND	ug/L
SWTS018 (INF002)	Isopropylbenzene	02-Feb-24	1	0.42	1	ND	ug/L
SWTS018 (INF002)	Isopropylbenzene	02-Feb-24	0.5	0.16	0.5	ND	ug/L
SWTS018 (INF002)	Methyl Ethyl Ketone	02-Feb-24	5	2.5	5	ND	ug/L
SWTS018 (INF002)	Methyl Ethyl Ketone	02-Feb-24	10	5.7	10	ND	ug/L
SWTS018 (INF002)	n-Butylbenzene	02-Feb-24	1	0.48	1	ND	ug/L
SWTS018 (INF002)	n-Butylbenzene	02-Feb-24	1	0.22	1	ND	ug/L
SWTS018 (INF002)	Nitrobenzene	02-Feb-24	0.9	0.42	0.9	ND	ug/L
SWTS018 (INF002)	Nitrobenzene	02-Feb-24	0.2	0.15	0.2	ND	ug/L
SWTS018 (INF002)	n-Propylbenzene	02-Feb-24	0.5	0.3	0.5	ND	ug/L
SWTS018 (INF002)	n-Propylbenzene	02-Feb-24	1	0.35	1	ND	ug/L
SWTS018 (INF002)	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	02-Feb-24	1.6	0.7	1.6	ND	ug/L
SWTS018 (INF002)	p-Isopropyltoluene	02-Feb-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	p-Isopropyltoluene	02-Feb-24	0.5	0.18	0.5	ND	ug/L
SWTS018 (INF002)	sec-Butylbenzene	02-Feb-24	0.5	0.2	0.5	ND	ug/L
SWTS018 (INF002)	sec-Butylbenzene	02-Feb-24	1	0.39	1	ND	ug/L
SWTS018 (INF002)	Styrene	02-Feb-24	0.5	0.19	0.5	ND	ug/L
SWTS018 (INF002)	Styrene	02-Feb-24	1	0.55	1	ND	ug/L
SWTS018 (INF002)	tert-Butylbenzene	02-Feb-24	1	0.41	1	ND	ug/L
SWTS018 (INF002)	tert-Butylbenzene	02-Feb-24	0.5	0.17	0.5	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	18-Feb-24	1	0.58	1	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	18-Feb-24	2	0.59	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	18-Feb-24	10	2.9	10	ND	ug/L
SWTS018 (INF002)	Bromide	18-Feb-24	41	41	100	DNQ	ug/L
SWTS018 (INF002)	Hydrazine	18-Feb-24	0.75	0.4	1	=	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	10	2.9	10	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	27-Feb-24	2	0.59	2	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	06-Mar-24	1	0.58	1	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	06-Mar-24	2	0.59	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	06-Mar-24	10	2.9	10	ND	ug/L
SWTS018 (INF002)	Hydrazine	06-Mar-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	22-Mar-24	2	0.58	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	22-Mar-24	2	0.59	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	22-Mar-24	10	2.9	10	ND	ug/L
SWTS018 (INF002)	Hydrazine	22-Mar-24	1	0.4	1	ND	ug/L
SWTS018 (INF002)	1,1-Dimethylhydrazine	29-Mar-24	2	0.58	2	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	4	1.2	4	ND	ug/L
SWTS018 (INF002)	2,2-Dichloro-1,1,1-trifluoroethane	29-Mar-24	20	5.8	20	ND	ug/L
SWTS018 (INF002)	Hydrazine	29-Mar-24	1	0.4	1	ND	ug/L

APPENDIX D

NPDES Permit Limit Exceedances, and/or Non-Compliance, First Quarter 2024 (Amended with data received after 15 May 2024)

TABLE D
SUMMARY OF PERMIT LIMIT EXCEEDANCES AND/OR NON-COMPLIANCE

FIRST QUARTER 2024
THE BOEING COMPANY
SANTA SUSANA FIELD LABORATORY
NPDES PERMIT CA0001309

January 1 through March 31, 2024

Daily Maximum Permit Limit Exceedances and/or Non-Compliance							
Outfall	**Sample Date**	**Sample Type**	**Analyte**	**Permit Limit Daily Max**	**Result**	**Units**	**Laboratory/ Validation Qualifier**
OUTFALL 002	02/02/2024	Comp	Aluminum	1.0	5.7	mg/L	--
OUTFALL 001	02/02/2024	Comp	Manganese	50	100	ug/L	--
OUTFALL 001	02/20/2024	Comp	Aluminum	1.0	4.8	mg/L	--
OUTFALL 002	02/20/2024	Comp	Aluminum	1.0	1.7	mg/L	--
OUTFALL 009	02/20/2024	Comp	Aluminum	1.0	6.6	mg/L	--
OUTFALL 009	02/20/2024	Comp	Lead	5.2	160	ug/L	--
OUTFALL 009	03/08/2024	Comp	Aluminum	1.0	7.1	mg/L	--
OUTFALL 009	03/08/2024	Comp	Lead	5.2	190	ug/L	--
OUTFALL 001	03/31/2024	Comp	Aluminum	1.0	3.5	mg/L	--
OUTFALL 002	03/31/2024	Comp	Aluminum	1.0	1.3	mg/L	--
OUTFALL 009	03/31/2024	Comp	Aluminum	1.0	12	mg/L	--
OUTFALL 009	03/31/2024	Comp	Lead	2.8	5.2	lbs/day	J+ (Q)

Statistical Threshold Value Receiving Water Limit Exceedances							
Locations	**Sample Date**	**Sample Type**	**Analyte**	**Statistical Threshold Value**	**Percentage of Sample Results Exceeding Statistical Threshold Value in Calendar Month**	**Units**	**Laboratory/ Validation Qualifier**
Arroyo Simi (RSW-002, Downstream)	01/22/2024-01/26/2024	Grab	E. coli	320	>10%	MPN/100 ml	*
Arroyo Simi (RSW-003, Upstream)	01/22/2024-01/26/2024	Grab	E. coli	320	>10%	MPN/100 ml	*

Geometric Mean Receiving Water Limit Exceedances							
Locations	**Sample Dates**	**Sample Type**	**Analyte**	**Geomean Limit**	**Geomean Result**	**Units**	**Laboratory/ Validation Qualifier**
Arroyo Simi (RSW-002, Downstream)	01/22/2024-01/26/2024	Grab	E. coli	100	1,817	MPN/100 ml	*
Arroyo Simi (RSW-003, Upstream)	01/22/2024-01/26/2024	Grab	E. coli	100	1,716	MPN/100 ml	*