Chapter 3
Modifications to the Draft EIS/EIR

3.1 Introduction

This chapter of the document addresses modifications to the Draft EIS/EIR for the Berths 226-232 [Everport] Container Terminal Project (proposed Project) at the Port of Los Angeles (Port). It presents all revisions related to public comments, as determined necessary by the lead agencies, for the following areas of the document:

- Executive Summary
- Section 3.2, Air Quality and Meteorology
- Section 3.5, Greenhouse Gas Emissions
- Section 3.6, Ground Transportation
- Section 3.10, Noise
- Chapter 4, Cumulative Analysis
- Chapter 6, Comparison of Alternatives
- Appendix B1, Air Quality Regulations/Methodology and Air Quality and GHG Emission
- Appendix B.4, Draft General Conformity Determination
- Appendix F2, Evaluation of Dredged Material Disposal Option
- Additional Appendix - Investigation of 2033 HRA Start Year for the Everport Container Terminal Improvements Project

Any revisions to supporting documentation are also presented. The numbering format from the Draft EIS/EIR is maintained in the sections presented here. Only sections that have revisions based on public comment are included, and sections that have no revisions are not included. Readers are referred to the Draft EIS/EIR to view complete sections.

It should be noted that most of the changes were editorial in nature. Some mitigation measures were revised in response to agency requests. None of the edits result in changes to significance findings.

As provided in Section 15088(c) of the State CEQA Guidelines, responses to comments may take the form of a revision to a Draft EIR or may be separate section in the Final EIR. As provided in 40 CFR 1503.4(c), to comply with NEPA, responses to comments may take the form of revisions to a Draft EIS, or if changes to the EIS in responses to comments are minor, then changes may be provided on errata sheets attached to the Draft

EIS. This chapter complies with the latter of these two guidelines and provides changes to the Draft EIS/EIR in revision-mode text (i.e., deletions are shown with ~~strikethrough~~ and additions are shown with underline). These notations are meant to provide clarification, corrections, or minor revisions as needed as a result of public comments or because of changes in the proposed Project since the release of the Draft EIS/EIR.

3.2 Changes to the Draft EIS/EIR

The following changes to the text as presented below are incorporated into the Final EIS/EIR:

3.2.1 Changes Made to the Executive Summary

Section ES.5.2, Pages ES-27 to 37, Table ES-3

The rows under 3.2 Air Quality and Meteorology are revised, as follows:

Table ES-3: Summary of Potential Significant Impacts and Mitigation for the Proposed Project and Alternatives

3.2 Air Quality and Meteorology				
Proposed Project	**AQ-1:** The proposed Project would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	**MM AQ-1:** Harbor Craft Used During Construction. **MM AQ-2:** On-Road Trucks Used during Construction. **MM AQ-3:** Non-Road Construction Equipment. **MM AQ-4:** Cargo Ships Used During Construction. **MM AQ-5:** General Mitigation Measure.	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for $PM_{2.5}$, NO_X, and VOC in 2019.		NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X and VOC in 2019.
	AQ-2: Proposed Project construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average) and PM_{10} (24-hour and annual average).	**MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average) and PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).		NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).

	AQ-3: The proposed Project would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	**MM AQ-6:** Vessel Speed Reduction Program (VSRP). **MM AQ-7:** Alternative Maritime Power (AMP). **LM AQ-1:** Replacement of Equipment and Review of New Technology and Regulations. **LM AQ-2:** Priority Access System.	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; VOC in 2026, 2033, and 2038; and CO and $PM_{2.5}$ in 2033 and 2038.		NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, 2038 and CO and VOC in 2033 and 2038.
	AQ-4: Proposed project operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).		NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
	AQ-5: The proposed Project would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-6: The proposed Project would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-7: The proposed Project would expose receptors to significant levels of TACs.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Construction and operation would be significant for individual cancer risk and population cancer burden.	**MM AQ-1 through MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: The proposed Project would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant		NEPA: Less than significant

Alternative 1 - No Federal Action	**AQ-1:** Alternative 1 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018. Overlapping construction and operations would be significant for NO_X in 2018 and 2019.	**MM AQ-1 through MM AQ-5**	CEQA: Less than significant.
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact
	AQ-2: Alternative 1 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Construction would be significant for construction NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (annual average).	**MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for construction NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (annual average).
		NEPA: No impact.	Mitigation is not applicable	NEPA: No impact.
	AQ-3: Alternative 1 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact.
	AQ-4: Alternative 1 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact
	AQ-5: Alternative 1 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact
	AQ-6: Alternative 1 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact
	AQ-7: Alternative 1 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: No impact	Mitigation is not applicable	NEPA: No impact
	AQ-8: Alternative 1 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	Mitigation is not applicable	NEPA: Less than significant

Alternative 2 – No Project	**AQ-1:** Alternative 2 would not result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: No impact	CEQA: No mitigation is required	CEQA: No impact
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-2: Alternative 2 construction would not result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: No impact	CEQA: No mitigation is required	CEQA: No impact
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-3: Alternative 2 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	CEQA: Mitigation is not applicable	CEQA: Operations would be significant and unavoidable for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-4: Alternative 2 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for PM_{10} (24-hour and annual averages).	CEQA: Mitigation is not applicable	CEQA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-5: Alternative 2 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-6: Alternative 2 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-7: Alternative 2 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: Mitigation is not applicable	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-8: Alternative 2 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant

		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
Alternative 3 – Reduced Project: Reduced Wharf Improvements	**AQ-1:** Alternative 3 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	**MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X and VOC in 2019.		NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X and VOC in 2019.
	AQ-2: Alternative 3 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (24-hour and annual average).	**MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).		NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: Alternative 3 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for ~~NO_x,~~ CO and VOC in 2033 and 2038.	**MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.

		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; $PM_{2.5}$, CO, and VOC in 2033 and 2038.		NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, and 2038 and CO in 2033 and 2038.
	AQ-4: Alternative 3 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).		NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 3 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-6: Alternative 3 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-7: Alternative 3 would expose receptors to significant levels of TACs.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Construction and operation would be significant for individual cancer risk.	**MM AQ-1 through MM AQ-5, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: Alternative 3 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant		NEPA: Less than significant
Alternative 4 – Reduced Project: No Backland Improvements	**AQ-1:** Alternative 4 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	**MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.

		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X and VOC in 2019.		NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
	AQ-2: Alternative 4 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (annual average).	**MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).		NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: Alternative 4 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for ~~NO_X and~~ CO in 2033 and 2038.	**MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038.		NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, and 2038.
	AQ-4: Alternative 4 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for PM_{10} (24-hour and annual averages).	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).

		NEPA: Operations would be significant for NO_2 (federal 1-hour and state annual average) and PM_{10} (24-hour and annual averages).		NEPA: Operations would be significant and unavoidable for NO_2 (federal 1-hour and state annual average) and PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 4 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-6: Alternative 4 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-7: Alternative 4 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-8: Alternative 4 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant		NEPA: Less than significant
Alternative 5 – Expanded On-Dock Rail Yard: Wharf and Backland Improvements with an Expanded TICTF	**AQ-1:** Alternative 5 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	**MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for $PM_{2.5}$, NO_X, and VOC in 2019.		NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X and VOC in 2019.

	AQ-2: Alternative 5 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal and state 1-hour average). Overlapping construction and operations would be significant for PM_{10} (24-hour and annual average).	**MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).		NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: Alternative 5 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~,~~ ~~2033, and 2038~~ and CO and VOC in 2033 and 2038.	**MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; VOC in 2026, 2033, and 2038; and $PM_{2.5}$ and CO in 2033 and 2038.		NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, 2038 and CO and VOC in 2033 and 2038.
	AQ-4: Alternative 5 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	**MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).		NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 5 would not generate on-road traffic that	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant

	would contribute to an exceedance of the 1-hour or 8-hour CO standards.	NEPA: Less than significant		NEPA: Less than significant
	AQ-6: Alternative 5 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant		NEPA: Less than significant
	AQ-7: Alternative 5 would expose receptors to significant levels of TACs.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant
		NEPA: Construction and operation would be significant for individual cancer risk and population cancer burden.	**MM AQ-1 through MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: Alternative 5 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant		NEPA: Less than significant

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Section ES.5.2.4, Pages ES-58 to ES-59

Revise mitigation measures MM AQ-2, MM AQ-3, MM AQ-5, and MM AQ-7 as follows:

MM AQ-2: On-road Trucks Used during Construction. On-road trucks shall comply with EPA 2010 on-road emission standards or better, unless the contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.

MM AQ-3: Non-Road Construction Equipment (except vessels, harbor craft, on-road trucks, and dredging equipment). All non-road construction equipment greater than 50 hp must meet EPA Tier 4 emission standards, unless the contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.

MM AQ-5: General Construction Mitigation Measure. All dredging equipment must be electric; however, this is subject to availability of the equipment. For MM AQ-1 through MM AQ-4, if a CARB-certified technology becomes available that is as good as or better than the existing measure in terms of emissions performance, the technology could replace the existing technology if approved by LAHD.

MM AQ-7: Alternative Maritime Power (AMP). By 2020 or upon substantial completion of construction, ~~85~~90 percent of Evergreen ships calling at the Everport Terminal must use AMP. By 2026, 95 percent of all ship calls at the Everport Container Terminal must use AMP or approved equivalent under the CARB Shore-Power Regulation. The equivalent alternative technology must, at a minimum, meet the emissions reductions that would be achieved from AMP.

Section ES.5.2.4, Page ES-59

Revise the footnote for mitigation measure MM BIO-1, as follows:

MM BIO-1: Protect Marine Mammals. Although it is expected that marine mammals will voluntarily move away from the area at the commencement of the vibratory or "soft start" of pile driving activities, as a precautionary measure, pile driving activities occurring as part of the sheet pile and king pile installation will include establishment of level B (harassment) and level A (injury) safety zones by a qualified marine mammal professional, and the area surrounding the operations (including the safety zones) will be monitored for marine mammals by a qualified marine mammal observer.[~~2~~1]

The pile driving site will move with each new pile; therefore, the safety zones will move accordingly.

[~~2~~1]Marine mammal professional qualifications shall be identified based on criteria established by LAHD during the construction bid specification process. Upon selection as part of the construction award winning team, the qualified marine mammal professional shall develop site specific pile driving safety zone requirements, which shall follow NOAA Fisheries Technical Guidance Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (NOAA Fisheries 2016) in consultation with the Acoustic Threshold White Paper prepared for this purpose by LAHD (LAHD 2017). Final pile driving safety zone requirements developed by the selected marine mammal professional shall be submitted to LAHD Construction and Environmental Management Divisions ~~prior to commencement of pile driving~~.

Section ES.5.2.4, Page ES-60

Revise mitigation measure MM NOI-2, as follows:

MM NOI-2: Utilize Temporary Noise Attenuation Curtain Adjacent to Pile Driving Equipment. If under MM NOI-1 the reduced pile driving noise exceeds 103 dBA at 50 feet from the pile driver, u~~U~~tilize temporary noise attenuation curtain suitable for pile driving equipment as needed. This noise attenuation device should be installed directly between the equipment and the nearest noise sensitive receptor to the construction site.

Section ES.5.2.5, Page ES-61

Revise lease measure LM GHG-1, as follows:

LM GHG-1: GHG Credit Fund. Proposed Project GHG emissions are ~~278,708~~99,812 metric tons of CO2e above the CEQA Baseline in the peak year of operations in 2038. They exceed the 10,000 metric ton CO2e significance threshold by ~~268,708~~99,856 metric tons. Because operational GHG emissions exceed the significance threshold with the incorporation of all feasible mitigation measures, LAHD shall establish a carbon offset fund, which may be accomplished through a Memorandum of Understanding with the California Air Resources Board or another appropriate entity, to mitigate project GHG impacts to the maximum extent feasible. The fund shall be used for GHG-reducing projects and programs on Port of Los Angeles property. It shall be the responsibility of the Tenant to contribute to the fund. Fund contribution shall be the equivalent of 1 percent of the minimum annual guarantee (MAG) at the time that project construction will commence. This amount will be approximately $300,000~~$250,000~~, payable upon substantial completion of Project construction. This amount is appropriate because it takes into account the tenant's actual container throughput and assesses a fee in correlation with the facility's GHG ~~$250,000 has been identified as the maximum feasible~~ contribution level~~. taking into account the cost of the proposed Project, including on-site GHG-reducing mitigation measures that the tenant will be required to implement (LED high mast lighting and solar panels over the employee parking lot).~~ If LAHD is unable to establish the fund within a reasonable period of time, the Tenant shall instead purchase credits from an approved GHG offset registry in the amount of approximately $300,000~~$250,000~~.

Section ES.5.2.6, Page ES-64

Revise the first bullet under "Air Quality", as follows

Air Quality

- Although Alternative 2 does not include construction, operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019~~, 2033, and 2038~~; and for CO and VOC in 2033 and 2038 under CEQA. Operational emissions from Alternative 2 would also result in the exceedance of ambient threshold PM_{10}. These impacts would combine with impacts from concurrent related projects, which would already be cumulatively significant. As a result, after mitigation, Alternative 2 would make a cumulatively considerable and unavoidable contribution to a significant cumulative impact for NO_X, CO, VOC and PM_{10} under CEQA.

Section ES.5.2.6, Pages ES-64 to ES-65

Add the following between the second bullet and third bullet under "Air Quality", as follows:

- Alternative 3 would make a cumulatively considerable and unavoidable contribution to a significant cumulative impact for CO and VOC emissions in 2033 and 2038 under CEQA, and for NO_X in 2026, 2033, and 2038 and CO in 2033 and 2038 under NEPA.

3.2.2 Changes Made to Section 3.2, Air Quality and Meteorology

Section 3.2.4.5, Pages 3.2-32 to 3.2-33

Revise mitigation measures MM AQ-2, MM AQ-3, and MM AQ-5, as follows:

MM AQ-2: **On-road Trucks Used during Construction.** On-road trucks shall comply with EPA 2010 on-road emission standards or better, unless the contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.

MM AQ-3: **Non-Road Construction Equipment** (except vessels, harbor craft, on-road trucks, and dredging equipment). All non-road construction equipment greater than 50 hp must meet EPA Tier 4 emission standards, unless contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.

MM AQ-5: **General Construction Mitigation Measure.** All dredging equipment must be electric; however, this is subject to availability of the equipment. For MM AQ-1 through MM AQ-4, if a CARB-certified technology becomes available that is as good as or better than the existing measure in terms of emissions performance, the technology could replace the existing technology if approved by LAHD.

Section 3.2.4.5, Pages 3.2-46 to 3.2-49, Table 3.2-20

Revise Table 3.2-20, as follows:

Table 3.2-20: Peak Daily Operational Emissions — Proposed Project (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Year 2019												
Ships: Main Propulsion Engines	127	119	7,113	146	834	480	111	105	6,068	118	779	460
Ships: Aux Engines and Boilers	42	40	1,695	101	154	61	35	33	1,345	90	123	49
AMP Electricity Use	1	1	10	4	5	0	2	2	17	7	8	0
Tugboats	2	2	63	0	134	10	2	2	63	0	134	10
Trucks	164	53	2,664	5	235	73	164	53	2,664	5	235	73
Line Haul Locomotives	27	25	1,099	1	284	44	27	25	1,099	1	284	44
Switch Locomotives	0	0	16	0	5	1	0	0	16	0	5	1
Cargo Handling Equipment	4	3	306	2	393	34	4	3	306	2	393	34
Worker Vehicles	17	5	8	0	88	3	17	5	8	0	88	3
Total Operational Year 2019	**383**	**247**	**12,976**	**260**	**2,131**	**706**	**361**	**227**	**11,586**	**224**	**2,049**	**675**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-81	-56	217	-822	163	-59	-102	-76	-1,172	-859	80	-91
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	367	234	11,841	244	2,006	687	367	234	11,841	244	2,006	687
Project Minus NEPA Baseline	16	13	1,135	17	126	19	-6	-7	-254	-20	43	-12
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
Year 2026												
Ships: Main Propulsion Engines	132	124	~~7,148~~ 6,293	150	876	506	117	110	5,576	122	822	487
Ships: Aux Engines and Boilers	50	47	1,942	117	185	73	43	41	1,487	107	154	61
AMP Electricity Use	2	2	23	10	11	1	3	3	29	12	14	1
Tugboats	2	1	60	0	143	10	2	1	60	0	143	10
Trucks	191	54	1,231	6	198	42	191	54	1,231	6	198	42
Line Haul Locomotives	26	24	1,191	2	459	45	26	24	1,191	2	459	45
Switch Locomotives	0	0	18	0	7	1	0	0	18	0	7	1
Cargo Handling Equipment	5	4	158	3	552	38	5	4	158	3	552	38
Worker Vehicles	20	6	5	0	68	3	20	6	5	0	68	3
Total Operational Year 2026	**427**	**263**	**~~11,777~~**	**288**	**2,500**	**719**	**406**	**243**	**9,756**	**252**	**2,418**	**688**

Table 3.2-20: Peak Daily Operational Emissions — Proposed Project (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
			10,922									
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-36	-40	~~-982~~ -1,837	-794	531	-46	-58	-60	-3,002	-831	449	-77
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	344	215	8,523	236	2,058	641	344	215	8,523	236	2,058	641
Project Minus NEPA Baseline	83	48	~~3,255~~ 2,400	53	442	79	62	28	1,234	16	360	48
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	**Yes**	No	No	**Yes**	No	No	No
Year 2033												
Ships: Main Propulsion Engines	190	178	~~10,544~~ 5,862	226	1,216	692	156	146	4,915	162	1,095	649
Ships: Aux Engines and Boilers	46	43	1,854	102	176	69	43	41	1,093	100	162	64
AMP Electricity Use	1	1	12	5	6	0	2	2	17	7	8	0
Tugboats	2	2	85	0	204	15	2	2	85	0	204	15
Trucks	209	58	1,030	6	224	40	209	58	1,030	6	224	40
Line Haul Locomotives	58	53	3,125	8	1,935	115	58	53	3,125	8	1,935	115
Switch Locomotives	1	1	41	0	16	2	1	1	41	0	16	2
Cargo Handling Equipment	6	5	172	4	713	48	6	5	172	4	713	48
Worker Vehicles	24	7	4	0	64	3	24	7	4	0	64	3
Total Operational Year 2033	**537**	**349**	**~~16,869~~ 12,187**	**351**	**4,554**	**985**	**500**	**315**	**10,483**	**288**	**4,421**	**936**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	73	46	~~4,110~~ -572	-731	2,585	220	37	12	-2,276	-795	2,452	171
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**

Table 3.2-20: Peak Daily Operational Emissions — Proposed Project (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
NEPA Impacts												
NEPA Baseline Emissions	405	270	7,729	279	3,437	852	405	270	7,729	279	3,437	852
Project Minus NEPA Baseline	132	79	~~9,140~~ 4,458	72	1,117	133	96	45	2,753	9	984	85
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	**Yes**
Year 2038												
Ships: Main Propulsion Engines	190	178	~~10,544~~ 3,541	226	1,216	692	156	146	3,042	162	1,095	649
Ships: Aux Engines and Boilers	46	43	1,854	102	176	69	43	41	745	100	162	64
AMP Electricity Use	1	1	12	5	6	0	2	2	17	7	8	0
Tugboats	2	2	77	0	176	13	2	2	77	0	176	13
Trucks	209	58	929	6	216	37	209	58	929	6	216	37
Line Haul Locomotives	36	33	2,253	8	1,935	84	36	33	2,253	8	1,935	84
Switch Locomotives	0	0	23	0	16	1	0	0	23	0	16	1
Cargo Handling Equipment	6	5	166	4	713	48	6	5	166	4	713	48
Worker Vehicles	24	7	4	0	56	3	24	7	4	0	56	3
Total Operational Year 2038	**514**	**328**	**~~15,862~~ 8,859**	**351**	**4,511**	**948**	**477**	**294**	**7,255**	**288**	**4,377**	**899**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	50	25	~~3,103~~ -3,900	-732	2,542	183	14	-9	-5,504	-795	2,409	134
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**
NEPA Impacts												
NEPA Baseline Emissions	390	257	4,524	279	3,397	827	390	257	4,524	279	3,397	827
Project Minus NEPA Baseline	124	71	~~11,338~~ 4,335	72	1,114	121	87	37	2,731	9	980	72
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	**Yes**

Table 3.2-20: Peak Daily Operational Emissions — Proposed Project (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**

Notes:

Emissions assume the simultaneous occurrence of peak daily equipment activity levels. Such levels would rarely occur during day-to-day terminal operations.

Truck, train, ship, and worker commute emissions include transport within the South Coast Air Basin.

AMP electricity use reflects indirect emissions from regional power generation.

NEPA baseline emissions reflect the NEPA baseline operational, presented in Table 3.2-5.

Emissions might not precisely add due to rounding.

The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

1

Section 3.2.4.5, Page 3.2-50

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-20 shows that unmitigated peak daily operational emissions would exceed the SCAQMD daily emission thresholds and would be significant for NO_X in 2019 and ~~NO_X,~~ CO~~,~~ and VOC under CEQA in years 2033 and 2038.

Section 3.2.4.5, Page 3.2-51

Revise mitigation measures MM AQ-7, as follows:

MM AQ-7: **Alternative Maritime Power (AMP).** By 2020 or upon substantial completion of construction, ~~85~~90 percent of Evergreen ships calling at the Everport Terminal must use AMP. By 2026, 95 percent of all ship calls at the Everport Container Terminal must use AMP or approved equivalent under the CARB Shore-Power Regulation. The equivalent alternative technology must, at a minimum, meet the emissions reductions that would be achieved from AMP.

Section 3.2.4.5, Page 3.2-52

Revise Residual Impacts first paragraph, as follows:

Table 3.2-20 shows that emissions from operation of the proposed Project would be reduced with mitigation. Emissions of NO_X in 2019~~, 2033 and 2038~~ would be reduced to levels that are less than significant under CEQA. However, CO and VOC emissions in 2033 and 2038 would remain significant and unavoidable under CEQA.

Section 3.2.4.5, Page 3.2-54, Table 3.2-21

Revise MM AQ-7 in Table 3.2-21, as follows:

Table 3.2-21: Comparison between San Pedro Bay Ports 2010 CAAP Update Control Measures and Proposed Project Mitigation Measures

CAAP Measure #	CAAP Measure Name	CAAP Measure Description	EIS/EIR Mitigation Measure (MM)	Discussion
SPBP-OGV2	Reduction of At-Berth OGV Emissions	The use of shore power to reduce hoteling emissions implemented at all container and cruise terminals and one liquid bulk terminal at the Port of Los Angeles	**MM AQ-7:** By 2019, ~~85~~90 percent of Evergreen ships calling at the Everport Terminal must use AMP. By 2026, 95 percent of all ship calls at the Everport Container Terminal must use AMP or approved equivalent under the CARB Shore-Power Regulation. The equivalent alternative technology must, at a minimum, meet the emissions reductions that would be achieved from AMP.	**MM AQ-7** complies with CAAP OGV2. OGV2 is preempted by CARB regulation.

1

Section 3.2.4.5, Pages 3.2-95 to 3.2-97, Table 3.2-35

Revise Table 3.2-35, as follows:

Table 3.2-35: Peak Daily Operational Emissions—Alternative 1 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Year 2019												
Ships: Main Propulsion Engines	131	123	7,359	151	859	494	113	106	6,121	118	794	471
Ships: Aux Engines and Boilers	43	41	1,689	108	154	61	44	41	1,687	110	154	61
AMP Electricity Use	2	2	17	7	8	0	2	2	18	8	9	0
Tugboats	2	2	63	0	134	10	2	2	63	0	134	10
Trucks	162	52	2,646	5	234	73	162	52	2,646	5	234	73
Line Haul Locomotives	25	23	1,046	1	270	42	25	23	1,046	1	270	42
Switch Locomotives	0	0	16	0	5	1	0	0	16	0	5	1
Cargo Handling Equipment	3	3	236	2	318	26	3	3	236	2	318	26
Worker Vehicles	17	5	8	0	87	3	17	5	8	0	87	3
Total Operational Year 2019	**385**	**250**	**13,079**	**275**	**2,070**	**710**	**367**	**234**	**11,841**	**244**	**2,006**	**687**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Alternative Minus CEQA Baseline	-79	-53	321	-808	101	-56	-97	-69	-918	-839	37	-79
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
Year 2026												
Ships: Main Propulsion Engines	134	126	~~7,508~~ 6,326	154	876	504	115	108	5,262	120	811	481
Ships: Aux Engines and Boilers	47	44	1,896	112	173	68	39	37	1,300	100	138	55
AMP Electricity Use	1	1	10	4	5	0	2	2	17	7	8	0
Tugboats	2	1	60	0	143	10	2	1	60	0	143	10
Trucks	148	42	959	4	154	32	148	42	959	4	154	32
Line Haul Locomotives	17	16	785	1	303	30	17	16	785	1	303	30
Switch Locomotives	0	0	14	0	6	1	0	0	14	0	6	1
Cargo Handling Equipment	4	3	121	3	437	29	4	3	121	3	437	29
Worker Vehicles	17	5	5	0	58	2	17	5	5	0	58	2
Total Operational Year 2026	**370**	**239**	**~~11,357~~ 10,175**	**279**	**2,154**	**677**	**344**	**215**	**8,523**	**236**	**2,058**	**641**

Table 3.2-35: Peak Daily Operational Emissions—Alternative 1 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Alternative Minus CEQA Baseline	-94	-64	~~-1,402~~ -2,584	-803	185	-88	-119	-88	-4,236	-847	89	-125
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
Year 2033												
Ships: Main Propulsion Engines	189	178	~~10,812~~ 5,139	228	1,206	684	153	144	3,938	159	1,076	638
Ships: Aux Engines and Boilers	53	50	2,226	119	202	79	41	38	843	100	147	58
AMP Electricity Use	0	0	4	2	2	0	2	2	16	7	8	0
Tugboats	2	2	85	0	204	15	2	2	85	0	204	15
Trucks	146	41	718	4	157	28	146	41	718	4	157	28
Line Haul Locomotives	37	34	1,964	5	1,216	72	37	34	1,964	5	1,216	72
Switch Locomotives	0	0	27	0	12	2	0	0	27	0	12	2
Cargo Handling Equipment	5	4	133	3	563	36	5	4	133	3	563	36
Worker Vehicles	20	6	4	0	54	2	20	6	4	0	54	2
Total Operational Year 2033	**452**	**315**	**~~15,975~~ 10,302**	**362**	**3,617**	**919**	**405**	**270**	**7,729**	**279**	**3,437**	**852**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Alternative Minus CEQA Baseline	-11	12	~~3,216~~ -2,457	-721	1,649	154	-59	-33	-5,029	-804	1,468	86
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ **No**	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**
Year 2038												
Ships: Main Propulsion Engines	189	178	~~10,812~~ 2,302	228	1,206	684	153	144	1,765	159	1,076	638
Ships: Aux Engines and Boilers	53	50	2,226	119	202	79	41	38	459	100	147	58
AMP Electricity Use	0	0	4	2	2	0	2	2	16	7	8	0
Tugboats	2	2	77	0	176	13	2	2	77	0	176	13
Trucks	145	40	646	4	152	26	145	40	646	4	152	26
Line Haul Locomotives	23	21	1,416	5	1,216	53	23	21	1,416	5	1,216	53

Table 3.2-35: Peak Daily Operational Emissions—Alternative 1 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Switch Locomotives	0	0	13	0	12	1	0	0	13	0	12	1
Cargo Handling Equipment	5	4	129	3	563	36	5	4	129	3	563	36
Worker Vehicles	20	6	3	0	47	2	20	6	3	0	47	2
Total Operational Year 2038	**438**	**302**	~~**15,327**~~ **6,817**	**362**	**3,577**	**895**	**390**	**257**	**4,524**	**279**	**3,397**	**827**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Alternative Minus CEQA Baseline	-26	-1	~~2,569~~ -5,941	-721	1,609	129	-74	-46	-8,234	-804	1,429	62
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**

Notes:

Emissions assume the simultaneous occurrence of peak daily equipment activity levels. Such levels would rarely occur during day-to-day terminal operations.

Truck, train, ship, and worker commute emissions include transport within the South Coast Air Basin.

AMP electricity use reflects indirect emissions from regional power generation.

NEPA does not require analysis of the No Project Alternative.

Emissions might not precisely add due to rounding.

The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

1

Section 3.2.4.5, Page 3.2-98

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-35 shows that peak daily operational emissions would exceed the SCAQMD daily emission thresholds and would be significant under CEQA for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038. Therefore, emissions of NO_X, CO, and VOC associated with the operation of Alternative 1 would be significant under CEQA before mitigation.

Section 3.2.4.5, Page 3.2-98

Revise Residual Impacts first paragraph, as follows:

> Table 3.2-35 shows that emissions from operation of Alternative 1 would be reduced with mitigation. Emissions for NO_X in 2019~~, 2033, and 2038~~ would be reduced to levels that are less than significant under CEQA. However, CO and VOC emissions in 2033 and 2038 would remain significant and unavoidable under CEQA.

Section 3.2.4.5, Page 3.2-110

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-35, presented under Alternative 1, shows that peak daily operational emissions from Alternative 2 would exceed the SCAQMD daily emission thresholds and would be significant under CEQA for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038. Therefore, emissions of NO_X, CO, and VOC associated with the operation of Alternative 2 would be significant under CEQA.

Section 3.2.4.5, Pages 3.2-141 to 3.2-143, Table 3.2-52

Revise Table 3.2-52, as follows:

Table 3.2-52: Peak Daily Operational Emissions — Alternative 3 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Year 2019												
Ships: Main Propulsion Engines	124	117	6,978	142	823	475	109	103	5,932	114	769	455
Ships: Aux Engines and Boilers	30	28	1,220	68	111	44	27	26	1,102	66	100	40
AMP Electricity Use	1	1	5	2	3	0	1	1	8	4	4	0
Tugboats	2	2	63	0	134	10	2	2	63	0	134	10
Trucks	159	51	2,592	5	229	71	159	51	2,592	5	229	71
Line Haul Locomotives	23	22	966	1	250	39	23	22	966	1	250	39
Switch Locomotives	0	0	16	0	5	1	0	0	16	0	5	1
Cargo Handling Equipment	4	3	286	2	371	32	4	3	286	2	371	32
Worker Vehicles	17	5	8	0	86	3	17	5	8	0	86	3
Total Operational Year 2019	**360**	**228**	**12,134**	**221**	**2,011**	**674**	**342**	**212**	**10,974**	**192**	**1,947**	**650**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-104	-75	-625	-861	42	-91	-121	-91	-1,785	-891	-21	-115
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	367	234	11,841	244	2,006	687	367	234	11,841	244	2,006	687
Project Minus NEPA Baseline	-7	-6	293	-22	5	-13	-24	-22	-867	-52	-59	-36
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
Year 2026												
Ships: Main Propulsion Engines	129	121	~~6,968~~ 5,782	147	853	493	113	107	5,065	118	799	474
Ships: Aux Engines and Boilers	44	42	1,691	107	162	64	40	38	1,289	100	142	57
AMP Electricity Use	3	3	26	11	13	1	3	3	31	13	15	1
Tugboats	2	1	60	0	143	10	2	1	60	0	143	10
Trucks	181	51	1,168	5	188	40	181	51	1,168	5	188	40
Line Haul Locomotives	24	22	1,104	2	426	42	24	22	1,104	2	426	42
Switch Locomotives	0	0	17	0	7	1	0	0	17	0	7	1
Cargo Handling Equipment	4	4	147	3	519	36	4	4	147	3	519	36
Worker Vehicles	20	6	5	0	66	3	20	6	5	0	66	3
Total Operational Year 2026	**406**	**250**	**~~11,186~~**	**275**	**2,377**	**689**	**387**	**232**	**8,887**	**242**	**2,304**	**662**

Table 3.2-52: Peak Daily Operational Emissions — Alternative 3 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
			10,000									
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-57	-53	~~-1,573~~ -2,759	-808	408	-76	-76	-71	-3,872	-840	336	-104
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	344	215	8,523	236	2,058	641	344	215	8,523	236	2,058	641
Project Minus NEPA Baseline	62	35	~~2,664~~ 1,478	39	319	48	43	17	364	7	247	21
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	**Yes**	No	No	No
Year 2033												
Ships: Main Propulsion Engines	187	176	~~10,432~~ 5,330	225	1,195	679	153	144	4,382	161	1,074	635
Ships: Aux Engines and Boilers	47	44	1,926	105	182	71	42	39	975	98	155	61
AMP Electricity Use	1	1	9	4	5	0	2	2	16	7	8	0
Tugboats	2	2	85	0	204	15	2	2	85	0	204	15
Trucks	194	54	957	5	208	37	194	54	957	5	208	37
Line Haul Locomotives	53	49	2,836	7	1,756	104	53	49	2,836	7	1,756	104
Switch Locomotives	1	1	38	0	15	2	1	1	38	0	15	2
Cargo Handling Equipment	6	5	161	4	670	45	6	5	161	4	670	45
Worker Vehicles	23	7	4	0	62	3	23	7	4	0	62	3
Total Operational Year 2033	**514**	**339**	**~~16,448~~ 11,346**	**350**	**4,298**	**957**	**475**	**302**	**9,455**	**282**	**4,153**	**903**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	51	36	~~3,689~~ -1,413	-733	2,330	191	12	-1	-3,303	-800	2,184	138
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**

Table 3.2-52: Peak Daily Operational Emissions — Alternative 3 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
NEPA Impacts												
NEPA Baseline Emissions	405	270	7,729	279	3,437	852	405	270	7,729	279	3,437	852
Project Minus NEPA Baseline	109	68	~~8,719~~ 3,617	71	861	105	70	32	1,726	3	716	52
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	No
Year 2038												
Ships: Main Propulsion Engines	187	176	~~10,432~~ 3,038	225	1,195	679	153	144	2,539	161	1,074	635
Ships: Aux Engines and Boilers	47	44	1,926	105	182	71	42	39	648	98	155	61
AMP Electricity Use	1	1	9	4	5	0	2	2	16	7	8	0
Tugboats	2	2	77	0	176	13	2	2	77	0	176	13
Trucks	194	54	862	5	201	35	194	54	862	5	201	35
Line Haul Locomotives	33	30	2,045	7	1,756	76	33	30	2,045	7	1,756	76
Switch Locomotives	0	0	20	0	15	1	0	0	20	0	15	1
Cargo Handling Equipment	6	5	155	4	670	44	6	5	155	4	670	44
Worker Vehicles	23	7	4	0	54	2	23	7	4	0	54	2
Total Operational Year 2038	**493**	**319**	**~~15,530~~ 8,136**	**350**	**4,256**	**923**	**454**	**283**	**6,367**	**282**	**4,110**	**869**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	30	16	**~~2,772~~ -4,622**	-733	2,287	158	-9	-20	-6,392	-800	2,142	104
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**~~Yes~~** No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**
NEPA Impacts												
NEPA Baseline Emissions	390	257	4,524	279	3,397	827	390	257	4,524	279	3,397	827
Project Minus NEPA Baseline	103	62	~~11,006~~ 3,612	71	859	96	64	26	1,843	3	713	42
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	No

Notes:

Emissions assume the simultaneous occurrence of peak daily equipment activity levels. Such levels would rarely occur during day-to-day terminal operations.

Table 3.2-52: Peak Daily Operational Emissions — Alternative 3 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**

Truck, train, ship, and worker commute emissions include transport within the South Coast Air Basin.

AMP electricity use reflects indirect emissions from regional power generation.

Emissions might not precisely add due to rounding.

The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

1

Section 3.2.4.5, Page 3.2-144

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-52 shows that peak daily operational emissions would exceed the SCAQMD daily emission thresholds and would be significant under CEQA for ~~NO_x,~~ ~~CO,~~ and VOC in 2033 and 2038.

Section 3.2.4.5, Page 3.2-144

Revise Residual Impacts first paragraph, as follows:

> Table 3.2-52 shows that emissions from operation of Alternative 3 would be reduced with mitigation. ~~Emissions of NO_x in 2033 and 2038 would be reduced to levels that are less than significant under CEQA.~~ However, emissions of CO and VOC in 2033 and 2038 would remain significant and unavoidable under CEQA.

Section 3.2.4.5, Pages 3.2-184 to 3.2-187, Table 3.2-69

Revise Table 3.2-69, as follows:

Table 3.2-69: Peak Daily Operational Emissions — Alternative 4 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Year 2019												
Ships: Main Propulsion Engines	122	115	6,865	141	802	462	107	100	5,819	113	748	442
Ships: Aux Engines and Boilers	38	36	1,518	91	138	55	31	29	1,167	80	107	43
AMP Electricity Use	1	1	9	4	4	0	2	2	15	6	8	0
Tugboats	2	2	63	0	134	10	2	2	63	0	134	10
Trucks	155	50	2,515	5	222	69	155	50	2,515	5	222	69
Line Haul Locomotives	23	21	948	1	245	38	23	21	948	1	245	38
Switch Locomotives	0	0	15	0	5	1	0	0	15	0	5	1
Cargo Handling Equipment	3	3	277	2	373	31	3	3	277	2	373	31
Worker Vehicles	16	5	8	0	85	3	16	5	8	0	85	3
Total Operational Year 2019	**360**	**232**	**12,218**	**244**	**2,008**	**668**	**339**	**212**	**10,827**	**207**	**1,926**	**636**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-103	-71	-541	-839	40	-98	-125	-91	-1,931	-875	-43	-129
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	367	234	11,841	244	2,006	687	367	234	11,841	244	2,006	687
Project Minus NEPA Baseline	-7	-2	377	0	2	-19	-28	-22	-1,013	-36	-80	-50
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
Year 2026												
Ships: Main Propulsion Engines	131	123	~~7,382~~ 6,192	152	857	492	116	109	5,476	124	803	472
Ships: Aux Engines and Boilers	37	35	1,465	94	134	53	38	36	1,315	96	135	54
AMP Electricity Use	3	3	29	12	15	1	3	3	30	13	15	1
Tugboats	2	1	60	0	143	10	2	1	60	0	143	10
Trucks	171	48	1,100	5	176	37	171	48	1,100	5	176	37
Line Haul Locomotives	21	20	988	1	381	38	21	20	988	1	381	38

Table 3.2-69: Peak Daily Operational Emissions — Alternative 4 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Switch Locomotives	0	0	16	0	6	1	0	0	16	0	6	1
Cargo Handling Equipment	4	4	147	3	521	34	4	4	147	3	521	34
Worker Vehicles	19	5	5	0	63	2	19	5	5	0	63	2
Total Operational Year 2026	**388**	**241**	**~~11,193~~ 10,003**	**268**	**2,297**	**669**	**374**	**227**	**9,137**	**243**	**2,244**	**650**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-75	-62	~~-1,565~~ -2,755	-814	329	-97	-90	-76	-3,621	-840	275	-116
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	344	215	8,523	236	2,058	641	344	215	8,523	236	2,058	641
Project Minus NEPA Baseline	44	26	2,671 1,481	32	239	28	30	12	615	7	186	9
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	**Yes**	No	No	No
Year 2033												
Ships: Main Propulsion Engines	137	129	~~7,467~~ 3,842	158	903	520	104	98	3,117	96	784	477
Ships: Aux Engines and Boilers	62	59	2,485	146	233	92	56	52	1,128	137	200	80
AMP Electricity Use	1	1	8	3	4	0	2	2	16	7	8	0
Tugboats	2	2	64	0	153	11	2	2	64	0	153	11
Trucks	179	50	877	5	190	34	179	50	877	5	190	34
Line Haul Locomotives	47	44	2,551	6	1,580	94	47	44	2,551	6	1,580	94
Switch Locomotives	0	0	35	0	14	2	0	0	35	0	14	2
Cargo Handling Equipment	6	5	160	4	672	43	6	5	160	4	672	43
Worker Vehicles	22	6	4	0	59	3	22	6	4	0	59	3
Total Operational Year 2033	**457**	**296**	**~~13,651~~ 10,026**	**323**	**3,810**	**800**	**418**	**259**	**7,951**	**255**	**3,662**	**745**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765

Table 3.2-69: Peak Daily Operational Emissions — Alternative 4 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Project Minus CEQA Baseline	-7	-7	~~893~~ -2,732	-760	1,841	34	-46	-44	-4,808	-828	1,693	-21
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ *No*	No	**Yes**	No	No	No	No	No	**Yes**	No
NEPA Impacts												
NEPA Baseline Emissions	405	270	7,729	279	3,437	852	405	270	7,729	279	3,437	852
Project Minus NEPA Baseline	52	25	~~5,922~~ 2,297	44	373	-52	13	-12	222	-24	225	-107
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	**Yes**	No	No	No
Year 2038												
Ships: Main Propulsion Engines	137	129	~~7,467~~ 2,406	158	903	520	104	98	1,920	96	784	477
Ships: Aux Engines and Boilers	62	59	2,485	146	233	92	56	52	803	137	200	80
AMP Electricity Use	1	1	8	3	4	0	1.543	1.543	15.6	6.6	7.7	0.4
Tugboats	1	1	58	0	132	10	1.38	1.23	57.94	0.26	132.11	9.59
Trucks	179	50	790	5	184	32	179	50	790	5	184	32
Line Haul Locomotives	30	27	1,839	6	1,580	69	30	27	1,839	6	1,580	69
Switch Locomotives	0	0	18	0	14	1	0	0	18	0	14	1
Cargo Handling Equipment	6	5	155	4	672	43	6	5	155	4	672	43
Worker Vehicles	22	6	3	0	52	2	22	6	3	0	52	2
Total Operational Year 2038	**438**	**279**	~~**12,823**~~ **7,762**	**323**	**3,775**	**769**	**399**	**241**	**5,603**	**255**	**3,627**	**714**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-25	-24	~~65~~ -4,996	-760	1,807	4	-65	-62	-7,156	-828	1,658	-51
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	No	No	No	No	No	**Yes**	No
NEPA Impacts												

Table 3.2-69: Peak Daily Operational Emissions — Alternative 4 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
NEPA Baseline Emissions	390	257	4,524	279	3,397	827	390	257	4,524	279	3,397	827
Project Minus NEPA Baseline	48	22	~~8,299~~ 3,238	44	378	-58	9	-15	1,078	-24	230	-113
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	**Yes**	No	No	No

Notes:

Emissions assume the simultaneous occurrence of peak daily equipment activity levels. Such levels would rarely occur during day-to-day terminal operations.

Truck, train, ship, and worker commute emissions include transport within the South Coast Air Basin.

AMP electricity use reflects indirect emissions from regional power generation.

NEPA baseline emissions reflect the NEPA baseline operational, presented in Table 3.2-5.

Emissions might not precisely add due to rounding.

The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

1

Section 3.2.4.5, Page 3.2-188

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-63 shows that peak daily operational emissions would exceed the SCAQMD daily emission thresholds and would be significant for ~~NO_x and~~ CO in 2033 and 2038 under CEQA.

Section 3.2.4.5, Page 3.2-188

Revise Residual Impacts paragraph, as follows:

> Table 3.2-69 shows that emissions from operation of Alternative 4 would be reduced with mitigation. ~~Emissions of NO_x in 2033 and 2038 would be reduced to levels that are less than significant under CEQA.~~ However, emissions of CO in 2033 and 2038 would remain significant and unavoidable under CEQA.

Section 3.2.4.5, Pages 3.2-225 to 3.2-227, Table 3.2-86

Revise Table 3.2-86, as follows:

Table 3.2-86: Peak Daily Operational Emissions — Alternative 5 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
Year 2019												
Ships: Main Propulsion Engines	127	119	7,113	146	834	480	111	105	6,068	118	779	460
Ships: Aux Engines and Boilers	42	40	1,695	101	154	61	35	33	1,345	90	123	49
AMP Electricity Use	1	1	10	4	5	0	2	2	17	7	8	0
Tugboats	2	2	63	0	134	10	2	2	63	0	134	10
Trucks	164	53	2,664	5	235	73	164	53	2,664	5	235	73
Line Haul Locomotives	27	25	1,099	1	284	44	27	25	1,099	1	284	44
Switch Locomotives	0	0	16	0	5	1	0	0	16	0	5	1
Cargo Handling Equipment	4	3	306	2	393	34	4	3	306	2	393	34
Worker Vehicles	17	5	8	0	88	3	17	5	8	0	88	3
Total Operational Year 2019	**383**	**247**	**12,976**	**260**	**2,131**	**706**	**361**	**227**	**11,586**	**224**	**2,049**	**675**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-81	-56	217	-822	163	-59	-102	-76	-1,172	-859	80	-91
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	367	234	11,841	244	2,006	687	367	234	11,841	244	2,006	687
Project Minus NEPA Baseline	16	13	1,135	17	126	19	-6	-7	-254	-20	43	-12
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	No	No	No	No	No	No	No
Year 2026												
Ships: Main Propulsion Engines	132	124	~~7,148~~ 6,293	150	876	506	117	110	5,576	122	822	487
Ships: Aux Engines and Boilers	50	47	1,942	117	185	73	43	41	1,487	107	154	61
AMP Electricity Use	2	2	23	10	11	1	3	3	29	12	14	1
Tugboats	2	1	60	0	143	10	2	1	60	0	143	10
Trucks	191	54	1,231	6	198	42	191	54	1,231	6	198	42
Line Haul Locomotives	26	24	1,191	2	459	45	26	24	1,191	2	459	45
Switch Locomotives	0	0	18	0	7	1	0	0	18	0	7	1
Cargo Handling Equipment	5	4	158	3	552	38	5	4	158	3	552	38
Worker Vehicles	20	6	5	0	68	3	20	6	5	0	68	3
Total Operational Year 2026	**427**	**263**	**~~11,777~~**	**288**	**2,500**	**719**	**406**	**243**	**9,756**	**252**	**2,418**	**688**

Table 3.2-86: Peak Daily Operational Emissions — Alternative 5 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
			~~10,922~~									
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	-36	-40	~~-982~~ -1,837	-794	531	-46	-58	-60	-3,002	-831	449	-77
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	No	No	No	No	No	No	No	No	No	No
NEPA Impacts												
NEPA Baseline Emissions	344	215	8,523	236	2,058	641	344	215	8,523	236	2,058	641
Project Minus NEPA Baseline	83	48	~~3,255~~ 2,400	53	442	79	62	28	1,234	16	360	48
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	**Yes**	No	No	**Yes**	No	No	**Yes**	No	No	No
Year 2033												
Ships: Main Propulsion Engines	190	178	~~10,544~~ 5,862	226	1,216	692	156	146	4,915	162	1,095	649
Ships: Aux Engines and Boilers	46	43	1,854	102	176	69	43	41	1,093	100	162	64
AMP Electricity Use	1	1	12	5	6	0	2	2	17	7	8	0
Tugboats	2	2	85	0	204	15	2	2	85	0	204	15
Trucks	203	57	1,007	6	219	39	203	57	1,007	6	219	39
Line Haul Locomotives	59	54	3,150	8	1,950	116	59	54	3,150	8	1,950	116
Switch Locomotives	1	1	39	0	16	2	1	1	39	0	16	2
Cargo Handling Equipment	6	5	170	4	707	48	6	5	170	4	707	48
Worker Vehicles	24	7	4	0	64	3	24	7	4	0	64	3
Total Operational Year 2033	**531**	**348**	**~~16,867~~ 12,185**	**351**	**4,559**	**985**	**495**	**314**	**10,481**	**288**	**4,425**	**936**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	68	45	~~4,109~~ -573	-732	2,590	219	32	11	-2,277	-795	2,457	171
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**

Table 3.2-86: Peak Daily Operational Emissions — Alternative 5 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**
NEPA Impacts												
NEPA Baseline Emissions	405	270	7,729	279	3,437	852	405	270	7,729	279	3,437	852
Project Minus NEPA Baseline	127	78	~~9,138~~ 4,456	72	1,122	133	91	44	2,752	9	988	84
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	**Yes**
Year 2038												
Ships: Main Propulsion Engines	190	178	~~10,544~~ 3,541	226	1,216	692	156	146	3,042	162	1,095	649
Ships: Aux Engines and Boilers	46	43	1,854	102	176	69	43	41	745	100	162	64
AMP Electricity Use	1	1	12	5	6	0	2	2	17	7	8	0
Tugboats	2	2	77	0	176	13	2	2	77	0	176	13
Trucks	203	56	907	6	212	37	203	56	907	6	212	37
Line Haul Locomotives	37	34	2,271	8	1,950	85	37	34	2,271	8	1,950	85
Switch Locomotives	0	0	21	0	16	1	0	0	21	0	16	1
Cargo Handling Equipment	6	5	164	4	707	48	6	5	164	4	707	48
Worker Vehicles	24	7	4	0	56	3	24	7	4	0	56	3
Total Operational Year 2038	**508**	**327**	**~~15,856~~ 8,853**	**351**	**4,516**	**947**	**472**	**293**	**7,249**	**288**	**4,382**	**899**
CEQA Impacts												
CEQA Baseline Emissions	464	303	12,759	1,083	1,969	765	464	303	12,759	1,083	1,969	765
Project Minus CEQA Baseline	45	24	~~3,097~~ -3,906	-732	2,547	182	8	-10	-5,510	-795	2,414	133
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	No	~~**Yes**~~ No	No	**Yes**	**Yes**	No	No	No	No	**Yes**	**Yes**
NEPA Impacts												
NEPA Baseline Emissions	390	257	4,524	279	3,397	827	390	257	4,524	279	3,397	827
Project Minus NEPA Baseline	118	70	~~11,332~~ 4,329	72	1,119	120	82	36	2,724	9	985	72
Significance Threshold	150	55	55	150	550	55	150	55	55	150	550	55
Significant?	No	**Yes**	**Yes**	No	**Yes**	**Yes**	No	No	**Yes**	No	**Yes**	**Yes**

Notes:

Table 3.2-86: Peak Daily Operational Emissions — Alternative 5 (lbs/day)

	Without Mitigation						With Mitigation					
Source Category	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**	**PM_{10}**	**$PM_{2.5}$**	**NO_X**	**SO_X**	**CO**	**VOC**

Emissions assume the simultaneous occurrence of peak daily equipment activity levels. Such levels would rarely occur during day-to-day terminal operations.

Truck, train, ship, and worker commute emissions include transport within the South Coast Air Basin.

AMP electricity use reflects indirect emissions from regional power generation.

Emissions might not precisely add due to rounding.

The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

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Section 3.2.4.5, Page 3.2-228

Revise CEQA Impact Determination first paragraph, as follows:

Table 3.2-86 shows that unmitigated peak daily operational emissions would exceed the SCAQMD daily emission thresholds and would be significant for NO_X under CEQA in years ~~s~~ 2019~~, 2033, and 2038~~. Emissions of CO and VOC would ~~also~~ exceed the SCAQMD daily emission thresholds in 2033 and 2038.

Section 3.2.4.6, Pages 3.2-247 to 3.2-259, Table 3.2-93

Revise Table 3.2-93, as follows:

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
Proposed Project	**AQ-1:** The proposed Project would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	CEQA: **MM AQ-1: Harbor Craft Used During Construction.** **MM AQ-2: On-Road Trucks Used during Construction.** **MM AQ-3: Non-Road Construction Equipment.** **MM AQ-4: Cargo Ships Used During Construction.** **MM AQ-5: General Construction Mitigation Measure.**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for $PM_{2.5}$, NO_X, and VOC in 2019.	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X and VOC in 2019.
	AQ-2: Proposed Project construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average) and PM_{10} (24-hour and annual average).	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average) and PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Maximum off-site ambient air pollutant concentrations would be

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
		hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).		significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: The proposed Project would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	CEQA: **MM AQ-6: Vessel Speed Reduction Program (VSRP).** **MM AQ-7: Alternative Maritime Power (AMP).** **LM AQ-1: Replacement of Equipment and Review of New Technology.** **LM AQ-2: Priority Access System.**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; VOC in 2026, 2033, and 2038; and CO and $PM_{2.5}$ in 2033 and 2038.	NEPA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, 2038 and CO and VOC in 2033 and 2038.
	AQ-4: Proposed project operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).	NEPA: **MM AQ-6 and MM AQ-7**	NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	AQ-5: The proposed Project would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-6: The proposed Project would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-7: The proposed Project would expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Construction and operation would be significant for individual cancer risk and population cancer burden.	NEPA: **MM AQ-1 through MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: The proposed Project would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
Alternative 1 – No Federal Action	**AQ-1:** Alternative 1 would not result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018. Overlapping construction and operations would be significant for NO_X in 2018 and 2019.	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Less than significant.
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact
	AQ-2: Alternative 1	CEQA: Construction would be	CEQA: **MM AQ-1 through**	CEQA: Construction would be

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	significant for construction NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (annual average).	**MM AQ-5**	significant and unavoidable for construction NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (annual average).
		NEPA: No impact.	NEPA: Mitigation is not applicable	NEPA: No impact.
	AQ-3: Alternative 1 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact.
	AQ-4: Alternative 1 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact
	AQ-5: Alternative 1 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact
	AQ-6: Alternative 1 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	AQ-7: Alternative 1 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: No impact	NEPA: Mitigation is not applicable	NEPA: No impact
	AQ-8: Alternative 1 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: Mitigation is not applicable	NEPA: Less than significant
Alternative 2 – No Project	**AQ-1:** Alternative 2 would not result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: No impact	CEQA: No mitigation is required	CEQA: No impact
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-2: Alternative 2 construction would not result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: No impact	CEQA: No mitigation is required	CEQA: No impact
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-3: Alternative 2 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	CEQA: Mitigation is not applicable	CEQA: Operations would be significant and unavoidable for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-4: Alternative 2 operations would result in off-site ambient air pollutant concentrations	CEQA: Operations would be significant for PM_{10} (24-hour and annual averages).	CEQA: Mitigation is not applicable	CEQA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	that exceed a SCAQMD threshold of significance in Table 3.2-9.	NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-5: Alternative 2 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-6: Alternative 2 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-7: Alternative 2 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: Mitigation is not applicable	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
	AQ-8: Alternative 2 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Not applicable	NEPA: Mitigation is not applicable	NEPA: Not applicable
Alternative 3 – Reduced Project: Reduced Wharf Improvements	**AQ-1:** Alternative 3 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
		NO_X and VOC in 2019.		would be significant and unavoidable for NO_X and VOC in 2019.
	AQ-2: Alternative 3 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (24-hour and annual average).	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: Alternative 3 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for ~~NO_X,~~ CO and VOC in 2033 and 2038.	CEQA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; $PM_{2.5}$, CO, and VOC in 2033 and 2038.	NEPA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, and 2038 and CO in 2033 and 2038.
	AQ-4: Alternative 3 operations would result in off-site ambient air pollutant concentrations	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	that exceed a SCAQMD threshold of significance in Table 3.2-9.	hour average).		averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).	NEPA: **MM AQ-6 and MM AQ-7**	NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 3 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	CEQA: No mitigation is required	NEPA: Less than significant
	AQ-6: Alternative 3 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-7: Alternative 3 would expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Construction and operation would be significant for individual cancer risk.	NEPA: **MM AQ-1 through MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: Alternative 3 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
Alternative 4 – Reduced Project: No Backland Improvements	**AQ-1:** Alternative 4 would result in construction-related emissions that exceed an SCAQMD threshold of significance in	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	Table 3.2-6.	NO_X in 2019.		would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X and VOC in 2019.	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
	AQ-2: Alternative 4 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for PM_{10} (annual average).	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).
	AQ-3: Alternative 4 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for ~~NO_X and~~ CO in 2033 and 2038.	CEQA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038.	NEPA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, and 2038.

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	AQ-4: Alternative 4 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for PM_{10} (24-hour and annual averages).	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
		NEPA: Operations would be significant for NO_2 (federal 1-hour and state annual average) and PM_{10} (24-hour and annual averages).	NEPA: **MM AQ-6 and MM AQ-7**	NEPA: Operations would be significant and unavoidable for NO_2 (federal 1-hour and state annual average) and PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 4 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-6: Alternative 4 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-7: Alternative 4 would not expose receptors to significant levels of TACs.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-8: Alternative 4 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
Alternative 5 – Expanded On-Dock Railyard: Wharf and Backland Improvements with an Expanded TICTF	**AQ-1:** Alternative 5 would result in construction-related emissions that exceed an SCAQMD threshold of significance in Table 3.2-6.	CEQA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for NO_X in 2019.	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X in 2019.
		NEPA: Construction would be significant for NO_X in 2018 and 2019 and for VOC in 2019. Overlapping construction and operations would be significant for $PM_{2.5}$, NO_X, and VOC in 2019.	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Construction would be significant and unavoidable for NO_X in 2018 and 2019 and VOC in 2019. Overlapping construction and operations would be significant and unavoidable for NO_X and VOC in 2019.
	AQ-2: Alternative 5 construction would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-7.	CEQA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal and state 1-hour average). Overlapping construction and operations would be significant for PM_{10} (24-hour and annual average).	CEQA: **MM AQ-1 through MM AQ-5**	CEQA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for PM_{10} (24-hour and annual average).
		NEPA: Maximum off-site ambient air pollutant concentrations would be significant for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant for NO_2 (federal 1-hour average).	NEPA: **MM AQ-1 through MM AQ-5**	NEPA: Maximum off-site ambient air pollutant concentrations would be significant and unavoidable for NO_2 (federal 1-hour average). Overlapping construction and operations would be significant and unavoidable for NO_2 (federal 1-hour average).

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	AQ-3: Alternative 5 would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8.	CEQA: Operations would be significant for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038.	**CEQA: MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	CEQA: Operations would be significant and unavoidable for CO and VOC in 2033 and 2038.
		NEPA: Operations would be significant for NO_X in 2019, 2026, 2033, and 2038; VOC in 2026, 2033, and 2038; and $PM_{2.5}$ and CO in 2033 and 2038.	NEPA: **MM AQ-6, MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Operations would be significant and unavoidable for NO_X in 2026, 2033, 2038 and CO and VOC in 2033 and 2038.
	AQ-4: Alternative 5 operations would result in off-site ambient air pollutant concentrations that exceed a SCAQMD threshold of significance in Table 3.2-9.	CEQA: Operations would be significant for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).	CEQA: **MM AQ-6 and MM AQ-7**	CEQA: Operations would be significant and unavoidable for NO_2 (federal 1-hour average), PM_{10} (24-hour and annual averages), and $PM_{2.5}$ (24-hour average).
		NEPA: Operations would be significant for PM_{10} (24-hour and annual averages).	NEPA: **MM AQ-6 and MM AQ-7**	NEPA: Operations would be significant and unavoidable for PM_{10} (24-hour and annual averages).
	AQ-5: Alternative 5 would not generate on-road traffic that would contribute to an exceedance of the 1-hour or 8-hour CO standards.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-6: Alternative 5 would not create an objectionable odor at the nearest sensitive receptor.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant
	AQ-7: Alternative 5 would	CEQA: Less than significant	CEQA: No mitigation is	CEQA: Less than significant

Table 3.2-93: Summary Matrix of Potential Impacts and Mitigation Measures for Air Quality Associated with the Proposed Project and Alternatives

Alternative	Environmental Impacts	Impact Determination	Mitigation Measures	Residual Impacts after Mitigation
	expose receptors to significant levels of TACs.		required	
		NEPA: Construction and operation would be significant for individual cancer risk and population cancer burden.	NEPA: **MM AQ-1 through MM AQ-7, LM AQ-1, and LM AQ-2**	NEPA: Less than significant
	AQ-8: Alternative 5 would not conflict with or obstruct implementation of an applicable AQMP.	CEQA: Less than significant	CEQA: No mitigation is required	CEQA: Less than significant.
		NEPA: Less than significant	NEPA: No mitigation is required	NEPA: Less than significant

1

Section 3.2.4.7, Pages 3.2-360 to 3.2-362

Under Impacts AQ-1, AQ-2 and AQ-7 revise mitigation measures MM AQ-2, MM AQ-3, MM AQ-5, and MM AQ-7, as follows:

Mitigation Measure	**MM AQ-2. On-Road Trucks Used during Construction.** On-road trucks shall comply with EPA 2010 on-road emission standards or better, unless the contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.
Timing	During specified construction phases.
Methodology	LAHD will include MM AQ-2 in the contract specifications for construction. LAHD will monitor implementation of mitigation measures during construction.
Responsible Parties	LAHD.
Residual Impacts	Significant and unavoidable
Mitigation Measure	**MM AQ-3. Non-Road Construction Equipment** (except vessels, harbor craft, on-road trucks, and dredging equipment). All non-road construction equipment greater than 50 hp must meet EPA Tier 4 emission standards, unless the contractor ~~can reasonably demonstrate~~ provides a written finding consistent with project contract or lease management requirements and obtains written approval from the Lead Agency that such equipment is unavailable ~~to the satisfaction of LAHD~~.
Timing	During specified construction phases.
Methodology	LAHD will include MM AQ-3 in the contract specifications for construction. LAHD will monitor implementation of mitigation measures during construction.
Responsible Parties	LAHD.
Mitigation Measure	MM AQ-4. Cargo Ships Used During Construction. All ships and barges used primarily to deliver construction-related materials or cranes shall comply with the expanded Vessel Speed Reduction Program (VSRP) of 12 knots between 40 nautical miles (nm) from Point Fermin and the Precautionary Area.
Timing	During specified construction phases or crane deliveries.
Methodology	LAHD will include MM AQ-4 in the contract specifications for construction. LAHD will monitor implementation of mitigation measures during construction. For crane deliveries, LAHD will include this mitigation measure in lease agreements with tenants.
Responsible Parties	Everport, LAHD.
Residual Impacts	Significant and unavoidable
Mitigation Measure	**MM AQ-5. General Construction Mitigation Measure.** All dredging equipment must be electric; however, this is subject to availability of the equipment. For MM AQ-1 through MM AQ-4, if a CARB-certified technology becomes available that is as good as or better than the existing measure in terms of emissions performance, the technology could replace the existing technology if approved by LAHD.
Timing	During specified construction phases.
Methodology	LAHD will include MM AQ-5 in the contract specifications for construction. LAHD will monitor implementation of mitigation measures during construction.

Responsible Parties	LAHD
Residual Impacts	Significant and unavoidable
Impact AQ-3: The proposed Project would result in operational emissions that exceed an SCAQMD threshold of significance in Table 3.2-8. (*Also applies to Impact AQ-3 for Alternatives 1 and 3 through 5)* **Impact AQ-7:** The proposed Project would expose receptors to significant levels of TACs. (*Also applies to Impact AQ-7 for Alternatives 3 and 5)*	
Mitigation Measure	**MM AQ-6. Vessel Speed Reduction Program (VSRP).** Starting January 1, 2019 and thereafter, 95 percent of Evergreen ships calling at the Everport Container Terminal shall be required to comply with the expanded VSRP at 12 knots between 40 nm from Point Fermin and the Precautionary Area. Starting January 1, 2026, 95 percent of all ships calling at the Everport Container Terminal will follow this requirement. Alternative Compliance Plans will be considered where a different speed that would result in fewer emissions compared to the current speed limits. Any alternative compliance plan shall be submitted to LAHD at least 90 days in advance for approval and shall be supported by data that demonstrates the ability of the alternative compliance plan for the specific vessel and type to achieve emissions reductions comparable to or greater than those achievable by compliance with VSRP. The alternative compliance plan shall be implemented once written notice of approval is granted by the LAHD.
Timing	During operation.
Methodology	LAHD will include this mitigation measure in lease agreements with tenants.
Responsible Parties	Everport, LAHD.
Residual Impacts	Significant and unavoidable.
Mitigation Measure	**MM AQ-7. Alternative Maritime Power (AMP).** By 2020 or upon substantial completion of construction, ~~85~~90 percent of Evergreen ships calling at the Everport Terminal must use AMP. By 2026, 95 percent of all ship calls at the Everport Container Terminal must use AMP or approved equivalent under the CARB Shore-Power Regulation. The equivalent alternative technology must, at a minimum, meet the emissions reductions that would be achieved from AMP.
Timing	During operation.
Methodology	LAHD will include this mitigation measure in lease agreements with tenants.
Responsible Parties	Everport, LAHD.
Residual Impacts	Significant and unavoidable.

Section 3.2.5.2, Page 3.2-264

Revise the first four paragraphs as follows:

Emissions from proposed project operation would exceed significance thresholds for NO_X in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038 under CEQA; after mitigation, emissions would remain significant and unavoidable for CO and VOC in 2033 and 2038. Emissions from proposed project operation would exceed significance thresholds for NO_X in 2019, 2026, 2033, and 2038, for VOC in 2026, 2033, and 2038, and for CO and $PM_{2.5}$ in 2033 and 2038 under NEPA; after mitigation, emissions would

remain significant and unavoidable for NO_X in 2026, 2033, and 2038 and for CO and VOC in 2033 and 2038. Impact determinations would be the same for Alternative 5 as for the proposed Project. Impact determinations under CEQA would be the same for Alternative 1 as for the proposed Project. Alternative 1 would have the same conditions as the NEPA baseline; therefore, there would be no impacts under NEPA.

Emissions from Alternative 2 operation would exceed significance thresholds for NO_X in 2019~~, 2033, and 2038~~ and for CO and VOC in 2033 and 2038 under CEQA. Mitigation is not required because there would be no discretionary action under CEQA for Alternative 2. Emissions would remain significant and unavoidable for NO_X in 2019~~, 2033, and 2038~~ and for CO and VOC in 2033 and 2038 under CEQA. Alternative 2 is not analyzed under NEPA.

Emissions from Alternative 3 operation would exceed significance thresholds for ~~NO_X,~~ CO~~,~~ and VOC in 2033 and 2038 under CEQA; after mitigation, emissions would remain significant and unavoidable for CO and VOC in 2033 and 2038. Emissions from Alternative 3 operation would exceed significance thresholds for NO_X in 2019, 2026, 2033, and 2038 and for $PM_{2.5}$, CO, and VOC in 2033, and 2038 under NEPA; after mitigation, emissions would remain significant and unavoidable for NO_X in 2026, 2033, and 2038 and for CO in 2033 and 2038.

Emissions from Alternative 4 operation would exceed significance thresholds for ~~NO_X~~ ~~and~~ CO in 2033 and 2038 under CEQA; after mitigation, emissions would remain significant and unavoidable for CO in 2033 and 2038. Emissions from Alternative 4 operation would exceed significance thresholds for NO_X in 2019, 2026, 2033, and 2038 under NEPA; after mitigation, emissions would remain significant and unavoidable for NO_X in 2026, 2033, and 2038.

3.2.3 Changes Made to Section 3.3, Biological Resources

Section 3.3.4.3, Page 3.3-36

Revise the footnote to mitigation measure MM BIO-1, as follows:

MM BIO-1 **Protect Marine Mammals.** Although it is expected that marine mammals will voluntarily move away from the area at the commencement of the vibratory or "soft start" of pile driving activities, as a precautionary measure, pile driving activities occurring as part of the sheet pile and king pile installation will include establishment of a safety zone, by a qualified marine mammal professional, and the area surrounding the operations (including the safety zones) will be monitored for marine mammals by a qualified marine mammal observer.[1]

The pile driving site will move with each new pile; therefore, the safety zones will move accordingly.

[1] Marine mammal professional qualifications shall be identified based on criteria established by LAHD during the construction bid specification process. Upon selection as part of the construction award winning team, the qualified marine mammal professional shall develop site specific pile driving safety zone requirements, which shall follow NOAA Fisheries Technical Guidance Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (NOAA Fisheries 2016) in consultation with the Acoustic Threshold White

Paper prepared for this purpose by LAHD (LAHD 2017). Final pile driving safety zone requirements developed by the selected marine mammal professional shall be submitted to LAHD Construction and Environmental Management Divisions ~~prior to commencement of pile driving~~.

Section 3.3.4.5, Page 3.3-90

Under Impact BIO-1 revise the footnote to mitigation measure MM BIO-1, as follows:

Mitigation Measure	**MM BIO-1: Protect Marine Mammals.** Although it is expected that marine mammals will voluntarily move away from the area at the commencement of the vibratory or "soft start" of pile-driving activities, as a precautionary measure, pile-driving activities occurring as part of the sheet pile and king pile installation will include establishment of level B (harassment) and level A (injury) safety zones by a qualified marine mammal professional, and the area surrounding the operations (including the safety zones) will be monitored for marine mammals by a qualified marine mammal observer.[1] The pile-driving site will move with each new pile; therefore, the safety zones will move accordingly. [1] Marine mammal professional qualifications shall be identified based on criteria established by LAHD during the construction bid specification process. Upon selection as part of the construction award winning team, the qualified marine mammal professional shall develop site specific pile-driving safety zone requirements, which shall follow NOAA Fisheries Technical Guidance Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (NOAA Fisheries 2016) in consultation with the Acoustic Threshold White Paper prepared for this purpose by LAHD (LAHD 2017). Final pile-driving safety zone requirements developed by the selected marine mammal professional shall be submitted to LAHD Construction and Environmental Management Divisions ~~prior to commencement of pile-driving~~.

3.2.4 Changes Made to Section 3.5, Greenhouse Gas Emissions

Section 3.5.5.2, Page 3.5-17, Table 3.5-1

Revise Table 3.5-1, as follows:

Table 3.5-1: Annual Operational GHG Emissions—CEQA Baseline 2013 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e [1]
Ships—transit and anchoring	49,200	1	3	49,906
Ships—hoteling	7,488	1	22	13,443
AMP electricity use	2,436	<1	<1	2,441
Tugboats	617	<1	<1	625
Trucks	55,872	<1	2	56,418
Line haul locomotives	~~27,731~~ *19,200*	2	1	~~27,987~~ *19,378*
Switch locomotives	267	<1	<1	269
Cargo handling equipment	18,398	1	<1	18,523
On-terminal electricity use	4,469	<1	<1	4,479

Table 3.5-1: Annual Operational GHG Emissions—CEQA Baseline 2013 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e [1]
Worker vehicles	1,902	<1	<1	1,986
2013 Baseline Total	~~168,382~~ *159,849*	5	28	~~176,076~~ *167,468*

Notes:

Emissions might not add precisely due to rounding. For more explanation, refer to the discussion in Section 3.2.4.1 in Section 3.2, Air Quality and Meteorology. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.2, Pages 3.5-20 to 3.5-21, Table 3.5-3

Revise Table 3.5-3, as follows:

Table 3.5-3: Annual Operational GHG Emissions – NEPA Baseline (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				47
Year 2018				
Ships - Transit and Anchoring	53,821	1	3	54,591
Ships – Hoteling	8,780	<1	1	8,921
AMP Electricity Use	2,436	<1	<1	2,441
Tugboats	784	<1	<1	793
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~30,064~~ 20,123	2	1	~~30,342~~ 20,309
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	15,262	<1	<1	15,361
On-terminal Electricity Use	4,509	<1	<1	4,519
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~170,996~~ 161,055	5	7	~~172,942~~ 162,909
Total Construction and Operations Year 2018				~~172,989~~ 162,956
Year 2019				
Ships - Transit and Anchoring	53,906	1	3	54,679
Ships – Hoteling	8,707	<1	1	8,848
AMP Electricity Use	2,639	<1	<1	2,645
Tugboats	793	<1	<1	802

Table 3.5-3: Annual Operational GHG Emissions – NEPA Baseline (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Trucks	56,315	<1	2	56,836
Line Haul Locomotives	~~30,693~~ 20,181	2	1	~~30,977~~ 20,367
Switch Locomotives	275	<1	<1	277
Cargo Handling Equipment	15,611	1	<1	15,712
On-terminal Electricity Use	3,276	<1	<1	3,283
Worker Vehicles	3,176	<1	1	3,329
Total Operational Year 2019	~~175,392~~ 164,879	5	7	~~177,388~~ 166,778
Total Construction and Operations Year 2019				~~177,435~~ 166,825
Year 2026				
Ships - Transit and Anchoring	54,909	1	3	55,697
Ships – Hoteling	8,460	<1	1	8,599
AMP Electricity Use	3,046	<1	<1	3,052
Tugboats	793	<1	<1	802
Trucks	50,297	<1	2	50,753
Line Haul Locomotives	~~32,958~~ 21,533	~~3~~ 2	1	~~33,263~~ 21,732
Switch Locomotives	318	<1	<1	321
Cargo Handling Equipment	17,464	1	<1	17,577
On-terminal Electricity Use	3,536	<1	<1	3,544
Worker Vehicles	2,703	<1	1	2,865
Total Operational Year 2026	~~174,484~~ 163,059	~~5~~ 6	7	~~176,472~~ 164,942
Total Construction and Operations Year 2026				~~176,519~~ 164,989
Year 2033				
Ships - Transit and Anchoring	72,858	2	4	73,903
Ships – Hoteling	11,667	<1	1	11,858
AMP Electricity Use	4,402	<1	<1	4,412
Tugboats	1,057	<1	<1	1,070
Trucks	48,181	<1	2	48,617
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712

Table 3.5-3: Annual Operational GHG Emissions – NEPA Baseline (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	4,203	<1	<1	4,212
Worker Vehicles	2,790	<1	1	2,979
Total Operational Year 2033	~~316,783~~ 215,948	~~15~~ 7	~~11~~ 9	~~320,199~~ 218,432
Total Construction and Operations Year 2033				~~320,246~~ 218,479
Year 2038				
Ships - Transit and Anchoring	72,858	2	4	73,903
Ships – Hoteling	11,667	<1	1	11,858
AMP Electricity Use	4,402	<1	<1	4,412
Tugboats	1,057	<1	<1	1,070
Trucks	47,477	<1	2	47,907
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	4,203	<1	<1	4,212
Worker Vehicles	2,648	<1	1	2,837
Total Operational Year 2038	~~315,937~~ 215,102	~~15~~ 7	~~11~~ 9	~~319,345~~ 217,580
Total Construction and Operations Year 2038				~~319,394~~ 217,627

Notes: Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.
On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-27 to 3.5-32, Table 3.5-5

Revise Table 3.5-5, as follows:

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				158
Upland Disposal				201

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships – Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 20,141	2	1	~~28,090~~ 20,327
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	4,420	<1	<1	4,429
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 157,787	5	7	~~167,362~~ 159,600
With Ocean Disposal				
Total Construction and Operations Year 2018				~~167,520~~ 159,758
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~-8,556~~ -7,710
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Proposed Project Minus NEPA Baseline				~~-5,469~~ -3,198
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~167,563~~ 159,801
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~-8,513~~

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				~~-7,667~~
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Proposed Project Minus NEPA Baseline				~~-5,426~~ -3,155
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	53,919	1	3	54,690
Ships – Hoteling	9,557	<1	1	9,707
AMP Electricity Use	2,517	<1	<1	2,523
Tugboats	793	<1	<1	802
Trucks	56,690	<1	2	57,215
Line Haul Locomotives	~~30,846~~ 20,261	~~3~~ 2	1	~~31,131~~ 20,449
Switch Locomotives	279	<1	<1	282
Cargo Handling Equipment	18,475	1	<1	18,601
On-terminal Electricity Use	4,568	<1	<1	4,578
Worker Vehicles	3,198	<1	1	3,351
Total Operational Year 2019	~~180,842~~ 170,257	~~5~~ 4	7	~~182,880~~ 172,198
With Ocean Disposal				
Total Construction and Operations Year 2019				~~183,039~~ **172,**356
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~6,962~~ 4,888
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Proposed Project Minus NEPA Baseline				~~5,603~~

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				~~5,531~~
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~183,082~~ 172,399
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~7,005~~ 4,931
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Proposed Project Minus NEPA Baseline				~~5,646~~ 5,574
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	56,488	1	3	57,297
Ships – Hoteling	13,532	<1	1	13,740
AMP Electricity Use	5,310	<1	<1	5,321
Tugboats	793	<1	<1	802
Trucks	64,509	<1	2	65,094
Line Haul Locomotives	~~52,835~~ 27,759	~~4~~ 2	1	~~53,324~~ 28,015
Switch Locomotives	410	<1	<1	413
Cargo Handling Equipment	26,244	1	1	26,424
On-terminal Electricity Use	5,506	<1	<1	5,518
Worker Vehicles	3,176	<1	1	3,365
Total Operational Year 2026	~~228,802~~ 203,727	~~7~~ 5	9	~~231,297~~ 205,989
With Ocean Disposal				
Total Construction and Operations Year 2026				~~231,456~~ 206,147
CEQA Impacts				

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~55,379~~ 38,679
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Proposed Project Minus NEPA Baseline				~~54,937~~ 41,158
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~231,499~~ 206,190
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~55,422~~ 38,679
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Proposed Project Minus NEPA Baseline				~~54,980~~ 41,989
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	75,206	2	4	76,283
Ships – Hoteling	16,741	<1	1	17,003
AMP Electricity Use	6,201	<1	<1	6,214
Tugboats	1,057	<1	<1	1,070
Trucks	67,734	<1	2	68,345
Line Haul Locomotives	~~247,324~~ 62,105	~~20~~ 5	~~7~~ 2	~~249,609~~ 62,679

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	6,426	<1	<1	6,439
Worker Vehicles	3,331	<1	1	3,555
Total Operational Year 2033	~~458,823~~ 273,603	~~24~~ 9	~~15~~ 10	~~463,561~~ 276,631
With Ocean Disposal				
Total Construction and Operations Year 2033				~~463,720~~ 276,789
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~287,643~~ 109,321
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Proposed Project Minus NEPA Baseline				~~143,474~~ 58,310
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~463,763~~ 276,832
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~287,686~~ 109,364
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Proposed Project Minus NEPA Baseline				~~143,517~~ 58,353

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	75,206	2	4	76,283
Ships – Hoteling	16,741	<1	1	17,003
AMP Electricity Use	6,201	<1	<1	6,214
Tugboats	1,057	<1	<1	1,070
Trucks	66,747	<1	2	67,351
Line Haul Locomotives	~~247,324~~ 62,105	~~20~~ 5	~~7~~ 2	~~249,609~~ 62,679
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	6,426	<1	<1	6,439
Worker Vehicles	3,162	<1	1	3,386
Total Operational Year 2038	~~457,666~~ 272,447	~~24~~ 9	~~15~~ 10	~~462,398~~ 275,468
With Ocean Disposal				
Total Construction and Operations Year 2038				~~462,556~~ 275,468
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~286,480~~ 108,158
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Proposed Project Minus NEPA Baseline				~~143,161~~ 57,999
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2038				~~462,599~~ **275,669**
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~

Table 3.5-5: Construction and Operational GHG Emissions without Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				167,468
Proposed Project Minus CEQA Baseline				~~286,523~~ **108,201**
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Proposed Project Minus NEPA Baseline				~~143,204~~ 58,042
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Page 3.5-33

Revise lease measure LM GHG-1, as follows:

LM GHG-1: GHG Credit Fund. Proposed Project GHG emissions are ~~278,708~~99,812 metric tons of CO2e above the CEQA Baseline in the peak year of operations in 2038. They exceed the 10,000 metric ton CO2e significance threshold by ~~268,708~~99,856 metric tons. Because operational GHG emissions exceed the significance threshold with the incorporation of all feasible mitigation measures, LAHD shall establish a carbon offset fund, which may be accomplished through a Memorandum of Understanding with the California Air Resources Board or another appropriate entity, to mitigate project GHG impacts to the maximum extent feasible. The fund shall be used for GHG-reducing projects and programs on Port of Los Angeles property. It shall be the responsibility of the Tenant to contribute to the fund. Fund contribution shall be the equivalent of 1 percent of the minimum annual guarantee (MAG) at the time that project construction will commence. This amount will be approximately $300,000~~$250,000~~, payable upon substantial completion of Project construction. This amount is appropriate because it takes into account the tenant's actual container throughput and assesses a fee in correlation with the facility's GHG ~~$250,000 has been identified as the maximum feasible~~ contribution level. ~~taking into account the cost of the~~

~~proposed Project, including on-site GHG-reducing mitigation measures that the tenant will be required to implement (LED high mast lighting and solar panels over the employee parking lot). I~~If LAHD is unable to establish the fund within a reasonable period of time, the Tenant shall instead purchase credits from an approved GHG offset registry in the amount of approximately $300,000~~$250,000~~.

Section 3.5.5.4, Pages 3.5-36 to 3.5-41, Table 3.5-7

Revise Table 3.5-7, as follows:

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				159
Upland Disposal				203
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships – Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 20,141	2	1	~~28,090~~ 20,327
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	4,420	<1	<1	4,429
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 157,787	5	7	~~167,362~~ 159,600
With Ocean Disposal				
Total Construction and Operations Year 2018				~~167,521~~ 159,759
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~-8,556~~ -7,709
Significance Threshold				10,000
Significant?				No
NEPA Impacts				

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Baseline Emissions				~~172,989~~ 162,956
Proposed Project Minus NEPA Baseline				~~-5,469~~ -3,197
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~167,564~~ 159,803
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~-8,512~~ -7,665
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Proposed Project Minus NEPA Baseline				~~-5,425~~ -3,153
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	53,398	1	3	54,163
Ships – Hoteling	9,408	<1	1	9,556
AMP Electricity Use	2,682	<1	<1	2,687
Tugboats	793	<1	<1	802
Trucks	56,690	<1	2	57,215
Line Haul Locomotives	~~30,846~~ 20,261	~~3~~ 2	1	~~31,131~~ 20,449
Switch Locomotives	279	<1	<1	282
Cargo Handling Equipment	18,475	1	<1	18,601
On-terminal Electricity Use	3,311	<1	<1	3,318
Worker Vehicles	3,198	<1	1	3,351
Total Operational Year 2019	~~179,079~~ 168,495	~~5~~ 4	7	~~181,107~~ 170,424

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Ocean Disposal				
Total Construction and Operations Year 2019				~~181,266~~ 170,583
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~5,190~~ 3,115
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Proposed Project Minus NEPA Baseline				~~3,831~~ 3,758
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~181,310~~ 170,627
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~5,233~~ 3,159
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Proposed Project Minus NEPA Baseline				~~3,874~~ 3,802
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	55,974	1	3	56,777
Ships – Hoteling	12,292	<1	1	12,487
AMP Electricity Use	6,291	<1	<1	6,304

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Tugboats	793	<1	<1	802
Trucks	64,509	<1	2	65,094
Line Haul Locomotives	~~52,835~~ 27,759	~~4~~ 2	1	~~53,324~~ 28,015
Switch Locomotives	410	<1	<1	413
Cargo Handling Equipment	26,244	1	1	26,424
On-terminal Electricity Use	4,248	<1	<1	4,257
Worker Vehicles	3,176	<1	1	3,365
Total Operational Year 2026	~~226,772~~ 201,696	~~7~~ 5	9	~~229,247~~ 203,938
With Ocean Disposal				
Total Construction and Operations Year 2026				~~229,406~~ 204,097
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~53,330~~ 36,629
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ **164,989**
Proposed Project Minus NEPA Baseline				~~52,887~~ **39,108**
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~229,449~~ 204,141
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~53,373~~ 36,673
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Baseline Emissions				~~176,519~~ 164,989
Proposed Project Minus NEPA Baseline				~~52,930~~ 39,152
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	74,454	2	4	75,522
Ships – Hoteling	15,316	<1	1	15,561
AMP Electricity Use	7,344	<1	<1	7,359
Tugboats	1,057	<1	<1	1,070
Trucks	67,734	<1	2	68,345
Line Haul Locomotives	~~247,324~~ 62,105	~~20~~ 5	~~7~~ 2	~~249,609~~ 62,679
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	5,168	<1	<1	5,179
Worker Vehicles	3,331	<1	1	3,555
Total Operational Year 2033	~~456,531~~ 271,311	~~24~~ 9	~~15~~ 10	~~461,244~~ 274,313
With Ocean Disposal				
Total Construction and Operations Year 2033				~~461,403~~ 274,472
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~285,327~~ 107,004
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Proposed Project Minus NEPA Baseline				~~141,157~~ 55,993
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Total Construction and Operations Year 2033				~~461,447~~ 274,516
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~285,370~~ 107,048
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Proposed Project Minus NEPA Baseline				~~141,201~~ 56,037
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	69,260	2	4	70,327
Ships – Hoteling	15,056	<1	1	15,301
AMP Electricity Use	7,344	<1	<1	7,359
Tugboats	1,057	<1	<1	1,070
Trucks	66,747	<1	2	67,351
Line Haul Locomotives	~~247,324~~ 62,105	~~20~~ 5	~~7~~ 2	~~249,609~~ 62,105
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	5,168	<1	<1	5,179
Worker Vehicles	3,162	<1	1	3,386
Total Operational Year 2038	~~449,919~~ 264,701	~~24~~ 9	~~15~~ 10	~~454,626~~ 267,121
With Ocean Disposal				
Total Construction and Operations Year 2038				~~454,784~~ 267,280
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~278,708~~ 99,812

Table 3.5-7: Construction and Operational GHG Emissions with Mitigation – Proposed Project (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Proposed Project Minus NEPA Baseline				~~135,390~~ 49,653
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2038				~~454,828~~ 267,324
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Proposed Project Minus CEQA Baseline				~~278,752~~ 99,856
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Proposed Project Minus NEPA Baseline				~~135,434~~ 49,697
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-53 to 3.5-56, Table 3.5-10

Revise Table 3.5-10, as follows:

Table 3.5-10: Construction and Operational GHG Emissions without Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				47
Year 2018				
Ships - Transit and Anchoring	53,821	1	3	54,591
Ships – Hoteling	8,780	<1	1	8,921
AMP Electricity Use	2,436	<1	<1	2,441
Tugboats	784	<1	<1	793
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~30,064~~ 20,123	2	1	~~30,342~~ 20,309
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	15,262	<1	<1	15,361
On-terminal Electricity Use	4,509	<1	<1	4,519
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~170,996~~ 161,055	5	7	~~172,942~~ 162,909
Total Construction and Operations Year 2018				~~172,989~~ 162,956
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~-3,087~~ -4,512
Significance Threshold				10,000
Significant?				No
Year 2019				

Table 3.5-10: Construction and Operational GHG Emissions without Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Ships - Transit and Anchoring	54,433	1	3	55,212
Ships – Hoteling	8,880	<1	1	9,022
AMP Electricity Use	2,464	<1	<1	2,469
Tugboats	793	<1	<1	802
Trucks	56,315	<1	2	56,836
Line Haul Locomotives	~~30,693~~ 20,181	2	1	~~30,977~~ 20,367
Switch Locomotives	275	<1	<1	277
Cargo Handling Equipment	15,611	1	<1	15,712
On-terminal Electricity Use	4,534	<1	<1	4,544
Worker Vehicles	3,176	<1	1	3,329
Total Operational Year 2019	~~177,173~~ 166,662	5	7	~~179,179~~ 168,570
Total Construction and Operations Year 2019				~~179,226~~ 168,617
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~3,150~~ 1,149
Significance Threshold				10,000
Significant?				No
Year 2026				

Table 3.5-10: Construction and Operational GHG Emissions without Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Ships - Transit and Anchoring	55,448	1	3	56,242
Ships – Hoteling	9,074	<1	1	9,219
AMP Electricity Use	2,545	<1	<1	2,550
Tugboats	793	<1	<1	802
Trucks	50,297	<1	2	50,753
Line Haul Locomotives	~~32,958~~ 21,533	~~3~~ 2	1	~~33,263~~ 21,732
Switch Locomotives	318	<1	<1	321
Cargo Handling Equipment	17,464	1	<1	17,577
On-terminal Electricity Use	4,794	<1	<1	4,804
Worker Vehicles	2,703	<1	1	2,865
Total Operational Year 2026	~~176,394~~ 164,969	~~5~~ 4	7	~~178,397~~ 166,865
Total Construction and Operations Year 2026				~~178,443~~ 166,912
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~2,367~~ -556
Significance Threshold				10,000
Significant?				No
Year 2033				

Table 3.5-10: Construction and Operational GHG Emissions without Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Ships - Transit and Anchoring	73,567	2	4	74,621
Ships – Hoteling	12,535	<1	1	12,736
AMP Electricity Use	3,698	<1	<1	3,706
Tugboats	1,057	<1	<1	1,070
Trucks	48,181	<1	2	48,617
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	5,461	<1	<1	5,472
Worker Vehicles	2,790	<1	1	2,979
Total Operational Year 2033	~~318,915~~ 218,079	~~15~~ 7	~~11~~ 8	~~322,350~~ 220,582
Total Construction and Operations Year 2033				~~322,396~~ 220,629
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~146,320~~ 53,161
Significance Threshold				10,000
Significant?				Yes
Year 2038				

Table 3.5-10: Construction and Operational GHG Emissions without Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Ships - Transit and Anchoring	73,567	2	4	74,621
Ships – Hoteling	12,535	<1	1	12,736
AMP Electricity Use	3,698	<1	<1	3,706
Tugboats	1,057	<1	<1	1,070
Trucks	47,477	<1	2	47,907
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	5,461	<1	<1	5,472
Worker Vehicles	2,648	<1	1	2,837
Total Operational Year 2038	~~318,068~~ 217,233	~~15~~ 7	~~11~~ 8	~~321,498~~ 219,730
Total Construction and Operations Year 2038				~~321,545~~ 219,777
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~145,468~~ 52,309
Significance Threshold				10,000
Significant?				Yes

Notes:
Alternative 1 is the same as the NEPA baseline; amortized construction emissions are the same as those presented for the NEPA baseline in Section 3.5.5.2, per Table 3.5-2.
Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.
Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.
On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-56 to 3.5-59, Table 3.5-11

Revise Table 3.5-11, as follows:

Table 3.5-11: Construction and Operational GHG Emissions with Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				47
Year 2018				
Ships - Transit and Anchoring	53,821	1	3	54,591
Ships – Hoteling	8,780	<1	1	8,921
AMP Electricity Use	2,436	<1	<1	2,441
Tugboats	784	<1	<1	793
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~30,064~~ 20,123	2	1	~~30,342~~ 20,309
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	15,262	<1	<1	15,361
On-terminal Electricity Use	4,509	<1	<1	4,519
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~170,996~~ 161,055	5	7	~~172,942~~ 162,909
Total Construction and Operations Year 2018				~~172,989~~ 162,956
CEQA Impacts				
CEQA Baseline Emissions				~~176,075~~ 167,468
Alternative 1 Minus CEQA Baseline				~~-3,088~~ -4,512
Significance Threshold				10,000
Significant?				No
Year 2019				
Ships - Transit and Anchoring	53,906	1	3	54,679
Ships – Hoteling	8,707	<1	1	8,848
AMP Electricity Use	2,639	<1	<1	2,645
Tugboats	793	<1	<1	802
Trucks	56,315	<1	2	56,836
Line Haul Locomotives	~~30,693~~ 20,181	2	1	~~30,977~~ 20,367
Switch Locomotives	275	<1	<1	277
Cargo Handling Equipment	15,611	1	<1	15,712
On-terminal Electricity Use	3,276	<1	<1	3,283
Worker Vehicles	3,176	<1	1	3,329
Total Operational Year 2019	~~175,392~~ 164,879	5	7	~~177,388~~ 166,778
Total Construction and Operations Year 2019				~~177,435~~ 166,825

Table 3.5-11: Construction and Operational GHG Emissions with Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~1,359~~ -643
Significance Threshold				10,000
Significant?				No
Year 2026				
Ships - Transit and Anchoring	54,909	1	3	55,697
Ships – Hoteling	8,460	<1	1	8,599
AMP Electricity Use	3,046	<1	<1	3,052
Tugboats	793	<1	<1	802
Trucks	50,297	<1	2	50,753
Line Haul Locomotives	~~32,958~~ 21,533	~~3~~ 2	1	~~33,263~~ 21,732
Switch Locomotives	318	<1	<1	321
Cargo Handling Equipment	17,464	1	<1	17,577
On-terminal Electricity Use	3,536	<1	<1	3,544
Worker Vehicles	2,703	<1	1	2,865
Total Operational Year 2026	~~174,484~~ 163,059	~~5~~ 4	7	~~176,472~~ 164,942
Total Construction and Operations Year 2026				~~176,519~~ 164,989
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~443~~ -2,479
Significance Threshold				10,000
Significant?				No
Year 2033				
Ships - Transit and Anchoring	72,858	2	4	73,903
Ships – Hoteling	11,667	<1	1	11,858
AMP Electricity Use	4,402	<1	<1	4,412
Tugboats	1,057	<1	<1	1,070
Trucks	48,181	<1	2	48,617
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349

Table 3.5-11: Construction and Operational GHG Emissions with Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
On-terminal Electricity Use	4,203	<1	<1	4,212
Worker Vehicles	2,790	<1	1	2,979
Total Operational Year 2033	~~316,783~~ 215,948	~~15~~ 7	~~11~~ 8	~~320,199~~ 218,432
Total Construction and Operations Year 2033				~~320,246~~ 218,479
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~144,170~~ 51,011
Significance Threshold				10,000
Significant?				Yes
Year 2038				
Ships - Transit and Anchoring	72,858	2	4	73,903
Ships – Hoteling	11,667	<1	1	11,858
AMP Electricity Use	4,402	<1	<1	4,412
Tugboats	1,057	<1	<1	1,070
Trucks	47,477	<1	2	47,907
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	4,203	<1	<1	4,212
Worker Vehicles	2,648	<1	1	2,837
Total Operational Year 2038	~~315,937~~ 215,102	~~15~~ 7	~~11~~ 8	~~319,348~~ 217,580
Total Construction and Operations Year 2038				~~319,394~~ 217,627
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 1 Minus CEQA Baseline				~~143,318~~ 50,159
Significance Threshold				10,000
Significant?				Yes

Notes:

Alternative 1 is the same as the NEPA baseline; amortized construction emissions are the same as those presented for the NEPA baseline in Section 3.5.5.2, per Table 3.5-2.

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data,

Table 3.5-11: Construction and Operational GHG Emissions with Mitigation – Alternative 1 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e

assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-60 to 3.5-62, Table 3.5-12

Revise Table 3.5-12, as follows:

Table 3.5-12: Operational GHG Emissions – Alternative 2 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Year 2018				
Ships - Transit and Anchoring	53,821	1	3	54,591
Ships – Hoteling	8,780	<1	1	8,921
AMP Electricity Use	2,436	<1	<1	2,441
Tugboats	784	<1	<1	793
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~30,064~~ 20,123	2	1	~~30,342~~ 20,309
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	15,262	1	<1	15,361
On-terminal Electricity Use	4,509	<1	<1	4,519
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~170,996~~ 161,055	5	7	~~172,942~~ 162,909
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 2 Minus CEQA Baseline				~~-3,134~~ -4,559
Significance Threshold				10,000
Significant?				No
Year 2019				
Ships - Transit and Anchoring	54,433	1	3	55,212
Ships – Hoteling	8,880	<1	1	9,022
AMP Electricity Use	2,464	<1	<1	2,469
Tugboats	793	<1	<1	802
Trucks	56,315	<1	1	56,836
Line Haul Locomotives	~~30,693~~ 20,181	2	1	~~30,977~~ 20,367

Table 3.5-12: Operational GHG Emissions – Alternative 2 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Switch Locomotives	275	<1	<1	277
Cargo Handling Equipment	15,611	1	<1	15,712
On-terminal Electricity Use	4,534	<1	<1	4,544
Worker Vehicles	3,176	<1	1	3,329
Total Operational Year 2019	~~177,173~~ 166,662	5	7	~~179,179~~ 168,570
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 2 Minus CEQA Baseline				~~3,103~~ 1,102
Significance Threshold				10,000
Significant?				No
Year 2026				
Ships - Transit and Anchoring	55,448	1	3	56,242
Ships – Hoteling	9,074	<1	1	9,219
AMP Electricity Use	2,545	<1	<1	2,550
Tugboats	793	<1	<1	802
Trucks	50,297	<1	2	50,753
Line Haul Locomotives	~~32,958~~ 21,533	~~3~~ 2	1	~~33,263~~ 21,732
Switch Locomotives	318	<1	<1	321
Cargo Handling Equipment	17,464	1	<1	17,577
On-terminal Electricity Use	4,794	<1	<1	4,804
Worker Vehicles	2,703	<1	1	2,865
Total Operational Year 2026	~~176,394~~ 164,969	~~5~~ 4	7	~~178,397~~ 166,865
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 2 Minus CEQA Baseline				~~2,320~~ -603
Significance Threshold				10,000
Significant?				No
Year 2033				
Ships - Transit and Anchoring	73,567	2	4	74,621
Ships – Hoteling	12,535	<1	1	12,736
AMP Electricity Use	3,698	<1	<1	3,706
Tugboats	1,057	<1	<1	1,070
Trucks	48,181	<1	2	48,617
Line Haul Locomotives	~~148,712~~	~~12~~	~~4~~	~~150,087~~

Table 3.5-12: Operational GHG Emissions – Alternative 2 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
	47,878	4	1	48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	5,461	<1	<1	5,472
Worker Vehicles	2,790	<1	1	2,979
Total Operational Year 2033	~~318,915~~ 218,079	~~15~~ 7	~~11~~ 8	~~322,350~~ 220,582
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 2 Minus CEQA Baseline				~~146,274~~ 53,114
Significance Threshold				10,000
Significant?				Yes
Year 2038				
Ships - Transit and Anchoring	73,567	2	4	74,621
Ships – Hoteling	12,535	<1	1	12,736
AMP Electricity Use	3,698	<1	<1	3,706
Tugboats	1,057	<1	<1	1,070
Trucks	47,477	<1	2	47,907
Line Haul Locomotives	~~148,712~~ 47,878	~~12~~ 4	~~4~~ 1	~~150,087~~ 48,320
Switch Locomotives	706	<1	<1	712
Cargo Handling Equipment	22,206	1	<1	22,349
On-terminal Electricity Use	5,461	<1	<1	5,472
Worker Vehicles	2,648	<1	1	2,837
Total Operational Year 2038	~~318,068~~ 217,233	~~15~~ 7	~~11~~ 8	~~321,498~~ 219,730
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 2 Minus CEQA Baseline				~~145,422~~ 52,262
Significance Threshold				10,000
Significant?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-65 to 3.5-70, Table 3.5-14

Revise Table 3.5-14, as follows:

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				137
Upland Disposal				167
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships – Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 19,746	2	1	~~28,090~~ 19,929
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 155,054	5	7	~~165,024~~ 156,864
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,160~~ 157,001
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-10,916~~ -10,467
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 3 Minus NEPA Baseline				~~-7,829~~ -5,955
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Total Construction and Operations Year 2018				~~165,191~~ 157,031
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-10,886~~ -10,437
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 3 Minus NEPA Baseline				~~-7,799~~ -5,925
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	49,182	1	3	49,889
Ships – Hoteling	9,575	<1	1	9,728
AMP Electricity Use	2,411	<1	<1	2,416
Tugboats	793	<1	<1	802
Trucks	55,131	<1	2	55,642
Line Haul Locomotives	~~29,341~~ **19,254**	~~3~~ 2	1	~~29,612~~ 19,432
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	17,059	1	<1	17,173
On-terminal Electricity Use	4,509	<1	<1	4,519
Worker Vehicles	3,151	<1	1	3,303
Total Operational Year 2019	~~171,424~~ **161,337**	~~5~~ 4	7	~~173,357~~ 163,178
With Ocean Disposal				
Total Construction and Operations Year 2019				~~173,494~~ **163,315**
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ **167,468**
Alternative 3 Minus CEQA Baseline				~~-2,583~~ -4,153

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 3 Minus NEPA Baseline				~~-3,942~~ -3,510
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~173,524~~ 163,345
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-2,552~~ -4,123
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative Minus NEPA Baseline				~~-3,912~~ -3,480
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	51,047	1	3	51,780
Ships – Hoteling	12,045	<1	1	12,232
AMP Electricity Use	4,920	<1	<1	4,930
Tugboats	793	<1	<1	802
Trucks	61,173	<1	2	61,727
Line Haul Locomotives	~~47,895~~ 26,339	~~4~~ 2	1	~~48,337~~ 26,583
Switch Locomotives	389	<1	<1	392
Cargo Handling Equipment	23,604	1	1	23,763
On-terminal Electricity Use	5,343	<1	<1	5,354
Worker Vehicles	3,066	<1	1	3,248

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Total Operational Year 2026	~~210,274~~ 188,719	~~7~~ 5	8	~~212,567~~ 190,811
With Ocean Disposal				
Total Construction and Operations Year 2026				~~212,704~~ 190,948
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~36,628~~ 23,480
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 3 Minus NEPA Baseline				~~36,185~~ 25,959
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~212,734~~ 190,978
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~36,658~~ 23,510
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 3 Minus NEPA Baseline				~~36,215~~ 25,989
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	68,912	2	4	69,901
Ships – Hoteling	15,094	<1	1	15,328

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
AMP Electricity Use	5,728	<1	<1	5,740
Tugboats	1,057	<1	<1	1,070
Trucks	63,246	<1	2	63,817
Line Haul Locomotives	~~222,374~~ 58,824	~~18~~ 5	~~6~~ 2	~~224,429~~ 59,367
Switch Locomotives	874	<1	<1	882
Cargo Handling Equipment	30,365	1	1	30,570
On-terminal Electricity Use	6,204	<1	<1	6,217
Worker Vehicles	3,213	<1	1	3,429
Total Operational Year 2033	~~417,067~~ 253,517	~~22~~ 9	~~14~~ 10	~~421,383~~ 256,321
With Ocean Disposal				
Total Construction and Operations Year 2033				~~421,520~~ 256,458
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~245,444~~ 88,990
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 3 Minus NEPA Baseline				~~101,274~~ 37,979
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~421,550~~ 256,488
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~245,474~~ 89,020
Significance Threshold				10,000
Significant?				Yes

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 3 Minus NEPA Baseline				~~101,304~~ 38,009
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	68,912	2	4	69,901
Ships – Hoteling	15,094	<1	1	15,328
AMP Electricity Use	5,728	<1	<1	5,740
Tugboats	1,057	<1	<1	1,070
Trucks	62,324	<1	2	62,888
Line Haul Locomotives	~~222,374~~ 58,824	~~18~~ 5	~~6~~ 2	~~224,429~~ 59,367
Switch Locomotives	874	<1	<1	882
Cargo Handling Equipment	30,365	1	1	30,570
On-terminal Electricity Use	6,204	<1	<1	6,217
Worker Vehicles	3,049	<1	1	3,266
Total Operational Year 2038	~~415,982~~ 252,431	~~22~~ 9	~~14~~ 10	~~420,291~~ 255,229
With Ocean Disposal				
Total Construction and Operations Year 2038				~~420,428~~ 255,366
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~244,351~~ 87,898
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 3 Minus NEPA Baseline				~~101,033~~ 37,739
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Table 3.5-14: Construction and Operational GHG Emissions without Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Upland Disposal				
Total Construction and Operations Year 2038				~~420,458~~ 255,396
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~244,381~~ 87,928
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 3 Minus NEPA Baseline				~~101,063~~ 37,769
Significance Threshold				25,000
Significant?				Yes

Section 3.5.5.4, Pages 3.5-71 to 3.5-77, Table 3.5-16

Revise Table 3.5-16, as follows:

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				137
Upland Disposal				168
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships - Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 19,746	2	1	~~28,090~~ 19,929
Switch Locomotives	261	<1	<1	263

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 155,054	5	7	~~165,024~~ 156,864
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,161~~ 157,001
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-10,915~~ -10,467
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 3 Minus NEPA Baseline				~~-7,828~~ -5,955
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~165,192~~ 157,032
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-10,885~~ -10,436
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 3 Minus NEPA Baseline				~~-7,798~~ -5,924
CEQ Reference Level				25,000

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	48,704	1	3	49,405
Ships - Hoteling	9,426	<1	1	9,577
AMP Electricity Use	2,571	<1	<1	2,576
Tugboats	793	<1	<1	802
Trucks	55,131	<1	2	55,642
Line Haul Locomotives	~~29,341~~ 19,254	~~3~~ 2	1	~~29,612~~ 19,432
Switch Locomotives	272	<1	<1	274
Cargo Handling Equipment	17,059	1	<1	17,173
On-terminal Electricity Use	3,252	<1	<1	3,258
Worker Vehicles	3,151	<1	1	3,303
Total Operational Year 2019	~~169,699~~ 159,613	~~5~~ 4	7	~~171,623~~ 161,442
With Ocean Disposal				
Total Construction and Operations Year 2019				~~171,760~~ 161,579
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~-4,316~~ -5,889
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 3 Minus NEPA Baseline				~~-5,675~~ -5,246
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~171,791~~ 161,610
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Alternative 3 Minus CEQA Baseline				~~-4,285~~ -5,858
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 3 Minus NEPA Baseline				~~-5,644~~ -5,215
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	50,547	1	3	51,275
Ships - Hoteling	10,907	<1	1	11,081
AMP Electricity Use	5,820	<1	<1	5,833
Tugboats	793	<1	<1	802
Trucks	61,173	<1	2	61,727
Line Haul Locomotives	~~47,895~~ 26,339	~~4~~ 2	1	~~48,337~~ 26,583
Switch Locomotives	389	<1	<1	392
Cargo Handling Equipment	23,604	1	1	23,763
On-terminal Electricity Use	4,085	<1	<1	4,094
Worker Vehicles	3,066	<1	1	3,248
Total Operational Year 2026	~~208,279~~ 186,723	~~7~~ 5	8	~~210,553~~ 188,798
With Ocean Disposal				
Total Construction and Operations Year 2026				~~210,690~~ 188,935
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~34,614~~ 21,467
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Alternative 3 Minus NEPA Baseline				~~34,171~~ 23,946
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~210,721~~ 188,966
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~34,645~~ 21,498
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 3 Minus NEPA Baseline				~~34,202~~ 23,977
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	68,173	2	4	69,153
Ships - Hoteling	13,786	<1	1	14,006
AMP Electricity Use	6,773	<1	<1	6,788
Tugboats	1,057	<1	<1	1,070
Trucks	63,246	<1	2	63,817
Line Haul Locomotives	~~222,374~~ 58,824	~~18~~ 5	~~6~~ 2	~~224,429~~ 59,367
Switch Locomotives	874	<1	<1	882
Cargo Handling Equipment	30,365	1	1	30,570
On-terminal Electricity Use	4,946	<1	<1	4,957
Worker Vehicles	3,213	<1	1	3,429
Total Operational Year 2033	~~414,808~~ 251,257	~~22~~ 9	~~14~~ 10	~~419,100~~ 254,039
With Ocean Disposal				
Total Construction and Operations Year 2033				~~419,237~~ 254,176

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~243,161~~ 86,708
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 3 Minus NEPA Baseline				~~98,991~~ 35,697
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~419,268~~ 254,207
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~243,191~~ 86,739
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 3 Minus NEPA Baseline				~~99,022~~ 35,728
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	68,173	2	4	69,153
Ships - Hoteling	13,786	<1	1	14,006
AMP Electricity Use	6,773	<1	<1	6,788
Tugboats	1,057	<1	<1	1,070
Trucks	62,324	<1	2	62,888
Line Haul Locomotives	~~222,374~~	~~18~~	~~6~~	~~224,429~~

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
	58,824	5	2	59,367
Switch Locomotives	874	<1	<1	882
Cargo Handling Equipment	30,365	1	1	30,570
On-terminal Electricity Use	4,946	<1	<1	4,957
Worker Vehicles	3,049	<1	1	3,266
Total Operational Year 2038	~~413,722~~ 250,171	~~21~~ 8	~~14~~ 10	~~418,007~~ 252,947
With Ocean Disposal				
Total Construction and Operations Year 2038				~~418,145~~ 253,084
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~242,068~~ 85,616
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 3 Minus NEPA Baseline				~~98,750~~ 35,457
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2038				~~418,175~~ 253,115
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 3 Minus CEQA Baseline				~~242,099~~ 85,647
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 3 Minus NEPA Baseline				~~98,781~~

Table 3.5-16: Construction and Operational GHG Emissions with Mitigation – Alternative 3 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				35,488
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-79 to 3.5-84, Table 3.5-18

Revise Table 3.5-18, as follows:

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				112
Upland Disposal				155
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships – Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 19,318	2	1	~~28,090~~ 19,496
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 154,626	5	7	~~165,024~~ 156,431
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,135~~ 156,543

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-10,941~~ -10,925
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 4 Minus NEPA Baseline				~~-7,854~~ -6,413
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~165,178~~ 156,586
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-10,898~~ -10,882
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 4 Minus NEPA Baseline				~~-7,811~~ -6,370
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	51,644	1	3	52,403
Ships – Hoteling	8,755	<1	1	8,894
AMP Electricity Use	2,190	<1	<1	2,195
Tugboats	793	<1	<1	802
Trucks	53,496	<1	2	53,992
Line Haul Locomotives	~~27,654~~	2	1	~~27,910~~

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
	19,067			19,244
Switch Locomotives	264	<1	<1	266
Cargo Handling Equipment	16,298	1	<1	16,406
On-terminal Electricity Use	4,447	<1	<1	4,456
Worker Vehicles	3,108	<1	1	3,257
Total Operational Year 2019	~~168,669~~ 160,062	5	7	~~170,581~~ 161,915
With Ocean Disposal				
Total Construction and Operations Year 2019				~~170,693~~ 162,027
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-5,383~~ -5,441
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 4 Minus NEPA Baseline				~~-6,742~~ -4,798
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~170,736~~ 162,070
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-5,340~~ -5,398
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 4 Minus NEPA Baseline				~~-6,699~~ -4,755

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	56,112	1	3	56,914
Ships – Hoteling	11,447	<1	1	11,623
AMP Electricity Use	3,637	<1	<1	3,645
Tugboats	793	<1	<1	802
Trucks	57,658	<1	2	58,180
Line Haul Locomotives	~~42,942~~ 24,841	~~4~~ 2	1	~~43,338~~ 25,070
Switch Locomotives	367	<1	<1	370
Cargo Handling Equipment	21,900	1	<1	22,047
On-terminal Electricity Use	5,172	<1	<1	5,183
Worker Vehicles	2,955	<1	1	3,131
Total Operational Year 2026	~~202,982~~ 184,882	~~6~~ 4	8	~~205,233~~ 186,965
With Ocean Disposal				
Total Construction and Operations Year 2026				~~205,345~~ 187,077
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~29,269~~ 19,609
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 4 Minus NEPA Baseline				~~28,826~~ 22,088
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				~~Yes~~ No
With Upland Disposal				
Total Construction and Operations Year 2026				~~205,388~~ 187,120
CEQA Impacts				

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~29,312~~ 19,652
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 4 Minus NEPA Baseline				~~28,869~~ 22,131
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				~~Yes~~ No
Year 2033				
Ships - Transit and Anchoring	72,526	2	4	73,565
Ships – Hoteling	15,534	<1	1	15,777
AMP Electricity Use	5,695	<1	<1	5,707
Tugboats	1,057	<1	<1	1,070
Trucks	58,245	<1	2	58,771
Line Haul Locomotives	~~197,798~~ 55,406	~~16~~ 5	~~5~~ 2	~~199,626~~ 55,918
Switch Locomotives	822	<1	<1	829
Cargo Handling Equipment	28,082	1	1	28,270
On-terminal Electricity Use	5,971	<1	<1	5,984
Worker Vehicles	3,078	<1	1	3,285
Total Operational Year 2033	~~388,809~~ 246,416	~~20~~ 9	~~13~~ 10	~~392,883~~ 249,176
With Ocean Disposal				
Total Construction and Operations Year 2033				~~392,995~~ 249,288
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~216,918~~ 81,820
Significance Threshold				10,000
Significant?				Yes

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 4 Minus NEPA Baseline				~~72,749~~ 30,809
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~393,038~~ 249,331
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~216,961~~ 81,863
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 4 Minus NEPA Baseline				~~72,792~~ 30,852
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	72,526	2	4	73,565
Ships – Hoteling	15,534	<1	1	15,777
AMP Electricity Use	5,695	<1	<1	5,707
Tugboats	1,057	<1	<1	1,070
Trucks	57,395	<1	2	57,915
Line Haul Locomotives	~~197,798~~ 55,406	~~16~~ 5	~~5~~ 2	~~199,626~~ 55,918
Switch Locomotives	822	<1	<1	829
Cargo Handling Equipment	28,082	1	1	28,270
On-terminal Electricity Use	5,971	<1	<1	5,984
Worker Vehicles	2,921	<1	1	3,129
Total Operational Year 2038	~~387,803~~ 245,409	~~20~~ 9	~~13~~ 10	~~391,871~~ 248,164

Table 3.5-18: Construction and Operational GHG Emissions without Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Ocean Disposal				
Total Construction and Operations Year 2038				~~391,983~~ 248,276
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~215,907~~ 80,808
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 4 Minus NEPA Baseline				~~72,588~~ 30,649
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2038				~~392,026~~ 248,319
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~215,950~~ 80,851
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 4 Minus NEPA Baseline				~~72,631~~ 30,692
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes: Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-86 to 3.5-91, Table 3.5-20

Revise Table 3.5-20, as follows:

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				112
Upland Disposal				156
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships - Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 19,318	2	1	~~28,090~~ 19,496
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 154,626	5	7	~~165,024~~ 156,431
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,136~~ 156,543
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-10,941~~ -10,925
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 4 Minus NEPA Baseline				~~-7,854~~ -6,413
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Total Construction and Operations Year 2018				~~165,179~~ 156,587
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-10,897~~ -10,881
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 4 Minus NEPA Baseline				~~-7,810~~ -6,369
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	51,182	1	3	51,916
Ships – Hoteling	8,620	<1	1	8,758
AMP Electricity Use	2,340	<1	<1	2,345
Tugboats	793	<1	<1	802
Trucks	53,496	<1	2	53,992
Line Haul Locomotives	~~27,654~~ 19,067	2	1	~~27,910~~ 19,244
Switch Locomotives	264	<1	<1	266
Cargo Handling Equipment	16,298	1	<1	16,406
On-terminal Electricity Use	3,189	<1	<1	3,196
Worker Vehicles	3,108	<1	1	3,257
Total Operational Year 2019	~~166,945~~ 158,357	5	7	~~168,848~~ 160,182
With Ocean Disposal				
Total Construction and Operations Year 2019				~~168,960~~ 160,294
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-7,116~~ -7,174

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 4 Minus NEPA Baseline				~~-8,475~~ -6,531
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~169,004~~ 160,338
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~-7,073~~ -7,130
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 4 Minus NEPA Baseline				~~-8,432~~ -6,487
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	55,528	1	3	56,322
Ships – Hoteling	10,597	<1	1	10,764
AMP Electricity Use	4,323	<1	<1	4,332
Tugboats	793	<1	<1	802
Trucks	57,658	<1	2	58,180
Line Haul Locomotives	~~42,942~~ 24,841	~~4~~ 2	1	~~43,338~~ 25,070
Switch Locomotives	367	<1	<1	370
Cargo Handling Equipment	21,900	1	<1	22,047
On-terminal Electricity Use	3,914	<1	<1	3,922
Worker Vehicles	2,955	<1	1	3,131

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Total Operational Year 2026	~~200,976~~ 182,876	~~6~~ 4	8	~~203,210~~ 184,940
With Ocean Disposal				
Total Construction and Operations Year 2026				~~203,322~~ 185,052
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~27,245~~ 17,584
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 4 Minus NEPA Baseline				~~26,802~~ 20,063
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2026				~~203,365~~ 185,096
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~27,289~~ 17,628
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 4 Minus NEPA Baseline				~~26,846~~ 20,107
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2033				
Ships - Transit and Anchoring	71,816	2	4	72,846
Ships – Hoteling	14,242	<1	1	14,470

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
AMP Electricity Use	6,736	<1	<1	6,750
Tugboats	1,057	<1	<1	1,070
Trucks	58,245	<1	2	58,771
Line Haul Locomotives	~~197,798~~ 55,406	~~16~~ 5	~~5~~ 2	~~199,626~~ 55,918
Switch Locomotives	822	<1	<1	829
Cargo Handling Equipment	28,082	1	1	28,270
On-terminal Electricity Use	4,714	<1	<1	4,724
Worker Vehicles	3,078	<1	1	3,285
Total Operational Year 2033	~~386,589~~ 244,198	~~19~~ 8	~~13~~ 10	~~390,637~~ 246,933
With Ocean Disposal				
Total Construction and Operations Year 2033				~~390,752~~ 247,045
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~214,676~~ 79,577
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 4 Minus NEPA Baseline				~~70,506~~ 28,566
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~390,796~~ 247,089
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~214,719~~ 79,621
Significance Threshold				10,000
Significant?				Yes

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 4 Minus NEPA Baseline				~~70,550~~ 28,610
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	71,816	2	4	72,846
Ships - Hoteling	14,242	<1	1	14,470
AMP Electricity Use	6,736	<1	<1	6,750
Tugboats	1,057	<1	<1	1,070
Trucks	57,395	<1	2	57,915
Line Haul Locomotives	~~197,798~~ 55,406	~~16~~ 5	~~5~~ 2	~~199,626~~ 55,918
Switch Locomotives	822	<1	<1	829
Cargo Handling Equipment	28,082	1	1	28,270
On-terminal Electricity Use	4,714	<1	<1	4,724
Worker Vehicles	2,921	<1	1	3,129
Total Operational Year 2038	~~385,583~~ 243,191	~~19~~ 8	~~13~~ 10	~~389,628~~ 245,921
With Ocean Disposal				
Total Construction and Operations Year 2038				~~389,740~~ 246,033
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~213,664~~ 78,565
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 4 Minus NEPA Baseline				~~70,346~~ 28,406
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Table 3.5-20: Construction and Operational GHG Emissions with Mitigation – Alternative 4 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Upland Disposal				
Total Construction and Operations Year 2038				~~389,784~~ 246,077
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 4 Minus CEQA Baseline				~~213,707~~ 78,609
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 4 Minus NEPA Baseline				~~70,389~~ 28,450
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-93 to 3.5-99, Table 3.5-22

Revise Table 3.5-22, as follows:

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				176
Upland Disposal				219
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships – Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 20,141	2	1	~~28,090~~ 20,327
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 155,449	5	7	~~165,024~~ 157,262
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,200~~ 157,438
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~-10,876~~ -10,030
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 5 Minus NEPA Baseline				~~-7,789~~ -5,518
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~165,243~~ 157,481

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~-10,833~~ -9,987
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 5 Minus NEPA Baseline				~~-7,746~~ -5,475
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	53,919	1	3	54,690
Ships – Hoteling	9,557	<1	1	9,707
AMP Electricity Use	2,517	<1	<1	2,523
Tugboats	793	<1	<1	802
Trucks	56,690	<1	2	57,215
Line Haul Locomotives	~~30,846~~ 20,261	~~3~~ 2	1	~~31,131~~ 20,449
Switch Locomotives	279	<1	<1	282
Cargo Handling Equipment	18,475	1	<1	18,601
On-terminal Electricity Use	4,568	<1	<1	4,578
Worker Vehicles	3,198	<1	1	3,351
Total Operational Year 2019	~~180,842~~ 170,257	~~5~~ 4	7	~~182,880~~ 172,198
With Ocean Disposal				
Total Construction and Operations Year 2019				~~183,057~~ 172,374
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~6,980~~ 4,906
Significance Threshold				10,000
Significant?				No

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 5 Minus NEPA Baseline				~~5,621~~ 5,549
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~183,100~~ 172,417
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~7,023~~ 4,949
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 5 Minus NEPA Baseline				~~5,664~~ 5,592
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	56,488	1	3	57,297
Ships – Hoteling	13,532	<1	1	13,740
AMP Electricity Use	5,310	<1	<1	5,321
Tugboats	793	<1	<1	802
Trucks	64,509	<1	2	65,094
Line Haul Locomotives	~~52,835~~ 27,759	~~4~~ 2	1	~~53,324~~ 28,015
Switch Locomotives	410	<1	<1	413
Cargo Handling Equipment	26,244	1	1	26,424
On-terminal Electricity Use	5,506	<1	<1	5,518
Worker Vehicles	3,176	<1	1	3,365
Total Operational Year 2026	~~228,802~~ 203,727	~~7~~ 5	9	~~231,297~~ 205,989

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Ocean Disposal				
Total Construction and Operations Year 2026				~~231,474~~ 206,165
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~55,398~~ 38,697
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 5 Minus NEPA Baseline				~~54,955~~ 41,176
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~231,517~~ 206,208
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~55,441~~ 38,740
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 5 Minus NEPA Baseline				~~54,998~~ 41,219
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	75,206	2	4	76,283
Ships – Hoteling	16,741	<1	1	17,003
AMP Electricity Use	6,201	<1	<1	6,214

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Tugboats	1,057	<1	<1	1,070
Trucks	66,412	<1	2	67,012
Line Haul Locomotives	~~248,116~~ 62,265	~~20~~ 5	~~7~~ 2	~~250,408~~ 62,840
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	6,426	<1	<1	6,439
Worker Vehicles	3,340	<1	1	3,564
Total Operational Year 2033	~~458,301~~ 272,450	~~24~~ 9	~~15~~ 10	~~463,036~~ 275,468
With Ocean Disposal				
Total Construction and Operations Year 2033				~~463,213~~ 275,644
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~287,136~~ 108,176
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 217,627
Alternative 5 Minus NEPA Baseline				~~142,967~~ 58,017
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~463,256~~ 275,687
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~287,179~~ 108,219
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Baseline Emissions				~~320,246~~ 217,627
Alternative 5 Minus NEPA Baseline				~~143,010~~ 58,060
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	75,206	2	4	76,283
Ships – Hoteling	16,741	<1	1	17,003
AMP Electricity Use	6,201	<1	<1	6,214
Tugboats	1,057	<1	<1	1,070
Trucks	65,443	<1	2	66,036
Line Haul Locomotives	~~248,116~~ 62,265	~~20~~	~~7~~	~~250,408~~ 62,840
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	6,426	<1	<1	6,439
Worker Vehicles	3,170	<1	1	3,394
Total Operational Year 2038	~~457,163~~ 271,311	~~24~~	~~15~~	~~461,891~~ 274,322
With Ocean Disposal				
Total Construction and Operations Year 2038				~~462,067~~ 274,498
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~285,991~~ 107,030
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 5 Minus NEPA Baseline				~~142,673~~ 56,871
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Table 3.5-22: Construction and Operational GHG Emissions without Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
With Upland Disposal				
Total Construction and Operations Year 2038				~~462,110~~ 274,541
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~286,034~~ 107,073
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 5 Minus NEPA Baseline				~~142,716~~ 56,914
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.4, Pages 3.5-100 to 3.5-106, Table 3.5-24

Revise Table 3.5-24, as follows:

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Amortized Construction				
Ocean Disposal				177
Upland Disposal				221
Year 2018				
Ships - Transit and Anchoring	51,596	1	3	52,335
Ships - Hoteling	8,417	<1	1	8,552
AMP Electricity Use	2,335	<1	<1	2,340
Tugboats	751	<1	<1	761

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Trucks	51,656	<1	2	52,135
Line Haul Locomotives	~~27,833~~ 20,141	2	1	~~28,090~~ 20,327
Switch Locomotives	261	<1	<1	263
Cargo Handling Equipment	14,798	<1	<1	14,893
On-terminal Electricity Use	2,082	<1	<1	2,091
Worker Vehicles	3,412	<1	1	3,565
Total Operational Year 2018	~~163,140~~ 155,449	5	7	~~165,024~~ 157,262
With Ocean Disposal				
Total Construction and Operations Year 2018				~~165,201~~ 157,439
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~-10,876~~ -10,029
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~ 162,956
Alternative 5 Minus NEPA Baseline				~~-7,789~~ -5,517
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2018				~~165,244~~ 157,483
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~-10,832~~ -9,985
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~172,989~~

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				162,956
Alternative 5 Minus NEPA Baseline				~~-7,745~~ -5,473
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2019				
Ships - Transit and Anchoring	53,398	1	3	54,163
Ships - Hoteling	9,408	<1	1	9,556
AMP Electricity Use	2,682	<1	<1	2,687
Tugboats	793	<1	<1	802
Trucks	56,690	<1	2	57,215
Line Haul Locomotives	~~30,846~~ 20,261	~~3~~ 2	1	~~31,131~~ 20,449
Switch Locomotives	279	<1	<1	282
Cargo Handling Equipment	18,475	1	<1	18,601
On-terminal Electricity Use	3,311	<1	<1	3,318
Worker Vehicles	3,198	<1	1	3,351
Total Operational Year 2019	~~179,079~~ 168,495	~~5~~ 4	7	~~181,107~~ 170,424
With Ocean Disposal				
Total Construction and Operations Year 2019				~~181,284~~ 170,601
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~5,208~~ 3,133
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Proposed Project Minus NEPA Baseline				~~3,849~~ 3,776
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
With Upland Disposal				
Total Construction and Operations Year 2019				~~181,328~~

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
				~~170,645~~ 170,645
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~5,251~~ 3,177
Significance Threshold				10,000
Significant?				No
NEPA Impacts				
NEPA Baseline Emissions				~~177,435~~ 166,825
Alternative 5 Minus NEPA Baseline				~~3,892~~ 3,820
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				No
Year 2026				
Ships - Transit and Anchoring	55,974	1	3	56,777
Ships - Hoteling	12,292	<1	1	12,487
AMP Electricity Use	6,291	<1	<1	6,304
Tugboats	793	<1	<1	802
Trucks	64,509	<1	2	65,094
Line Haul Locomotives	~~52,835~~ 27,759	~~4~~	1	~~53,324~~ 28,015
Switch Locomotives	410	<1	<1	413
Cargo Handling Equipment	26,244	1	1	26,424
On-terminal Electricity Use	4,248	<1	<1	4,257
Worker Vehicles	3,176	<1	1	3,365
Total Operational Year 2026	~~226,772~~ 201,696	~~7~~	9	~~229,247~~ 203,938
With Ocean Disposal				
Total Construction and Operations Year 2026				~~229,424~~ 204,115
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~53,348~~ 36,647
Significance Threshold				10,000

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 5 Minus NEPA Baseline				~~52,905~~ 39,126
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2026				~~229,468~~ 204,159
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~53,391~~ 36,691
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~176,519~~ 164,989
Alternative 5 Minus NEPA Baseline				~~52,948~~ 39,170
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2033				
Ships - Transit and Anchoring	74,454	2	4	75,522
Ships - Hoteling	15,316	<1	1	15,561
AMP Electricity Use	7,344	<1	<1	7,359
Tugboats	1,057	<1	<1	1,070
Trucks	66,412	<1	2	67,012
Line Haul Locomotives	~~248,116~~ 62,265	~~20~~ 5	~~7~~ 2	~~250,408~~ 62,840
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	5,168	<1	<1	5,179
Worker Vehicles	3,340	<1	1	3,564
Total Operational Year 2033	~~456,009~~	~~24~~	~~15~~	~~460,716~~

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
	270,158	9	10	273,150
With Ocean Disposal				
Total Construction and Operations Year 2033				~~460,896~~ 273,327
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~284,820~~ 105,859
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 5 Minus NEPA Baseline				~~140,650~~ 54,848
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2033				~~460,940~~ 273,371
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~284,863~~ 105,903
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~320,246~~ 218,479
Alternative 5 Minus NEPA Baseline				~~140,694~~ 54,892
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
Year 2038				
Ships - Transit and Anchoring	69,260	2	4	70,327
Ships - Hoteling	15,056	<1	1	15,301

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
AMP Electricity Use	7,344	<1	<1	7,359
Tugboats	1,057	<1	<1	1,070
Trucks	65,443	<1	2	66,036
Line Haul Locomotives	~~248,116~~ 62,265	~~20~~ 5	~~7~~ 2	~~250,408~~ 62,840
Switch Locomotives	924	<1	<1	932
Cargo Handling Equipment	33,878	1	1	34,111
On-terminal Electricity Use	5,168	<1	<1	5,179
Worker Vehicles	3,170	<1	1	3,394
Total Operational Year 2038	~~449,416~~ 263,565	~~24~~ 9	~~15~~ 10	~~454,119~~ 266,549
With Ocean Disposal				
Total Construction and Operations Year 2038				~~454,296~~ 266,726
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~278,219~~ 99,258
Significance Threshold				10,000
Significant?				Yes
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 5 Minus NEPA Baseline				~~134,901~~ 49,099
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes
With Upland Disposal				
Total Construction and Operations Year 2038				~~454,339~~ 266,770
CEQA Impacts				
CEQA Baseline Emissions				~~176,076~~ 167,468
Alternative 5 Minus CEQA Baseline				~~278,263~~ 99,302
Significance Threshold				10,000
Significant?				Yes

Table 3.5-24: Construction and Operational GHG Emissions with Mitigation – Alternative 5 (mty)

Source Category	CO_2	CH_4	N_2O	CO_2e
NEPA Impacts				
NEPA Baseline Emissions				~~319,394~~ 217,627
Alternative 5 Minus NEPA Baseline				~~134,945~~ 49,143
CEQ Reference Level				25,000
Exceeds CEQ Reference Level?				Yes

Notes:

Emissions might not add precisely because of rounding. For more explanation, refer to the discussion in Section 3.2.4.1. The emission estimates presented in this table were calculated using the latest available data, assumptions, and emission factors at the time this document was prepared. Future studies might use updated data, assumptions, and emission factors that are not currently available.

Construction emissions are amortized over the life of the proposed Project (30 years) and added to each year of operational emissions.

On-terminal electricity use includes crane operation and high mast poles.

Section 3.5.5.6, Page 3.5-110

Revise lease measure LM GHG-1, as follows:

Mitigation Measure	**LM GHG-1: GHG Credit Fund.** Proposed Project GHG emissions are ~~278,708~~99,812 metric tons of CO2e above the CEQA Baseline in the peak year of operations in 2038. They exceed the 10,000 metric ton CO2e significance threshold by ~~268,708~~99,856 metric tons. Because operational GHG emissions exceed the significance threshold with the incorporation of all feasible mitigation measures, LAHD shall establish a carbon offset fund, which may be accomplished through a Memorandum of Understanding with the California Air Resources Board or another appropriate entity, to mitigate project GHG impacts to the maximum extent feasible. The fund shall be used for GHG-reducing projects and programs on Port of Los Angeles property. It shall be the responsibility of the Tenant to contribute to the fund. Fund contribution shall be the equivalent of 1 percent of the minimum annual guarantee (MAG) at the time that project construction will commence. This amount will be approximately $300,000~~$250,000~~, payable upon substantial completion of Project construction. This amount is appropriate because it takes into account the tenant's actual container throughput and assesses a fee in correlation with the facility's GHG ~~$250,000 has been identified as the maximum feasible~~ contribution level. ~~taking into account the cost of the proposed Project, including on-site GHG-reducing mitigation measures that the tenant will be required to implement (LED high mast lighting and solar panels over the employee parking lot).~~ If LAHD is unable to establish the fund within a reasonable period of time, the Tenant shall instead purchase credits from an approved GHG offset registry in the amount of approximately $300,000~~$250,000~~.

3.2.5 Changes Made to Section 3.6, Ground Transportation

Section 3.6.4.5, Page 3.6-77, Table 3.6-32

Revise Table 3.6-32, as follows:

Table 3.6-32: CEQA Baseline Compared to 2038 With Proposed Project - Freeway Analysis—A.M. Peak

Freeway	Location	Cap.	Northbound / Eastbound											Southbound / Westbound										
			CEQA Baseline					2038 With Proposed Project					Change in D/C	Sign. Impt?	CEQA Baseline					2038 With Proposed Project					Change in D/C	Sign. Impt?
			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS		
#1 SR-47	Vincent Thomas Bridge [12]	4,700	1,876	18.0	B	-		1,918	18.4	C	-		-	No	2,235	21.4	C	-		2,263	21.7	C	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge [12]	6,750	1,119	7.1	A	-		1,145	7.3	A	-		-	No	922	5.9	A	-		970	6.2	A	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	3,771	15.3	B	-		3,792	15.4	B	-		-	No	5,096	20.6	C	-		5,113	20.7	C	-		-	No
#4 I-110	North of 223rd Street [12]	9,400	6,352	26.1	D	-		6,365	26.2	D	-		-	No	8,422	28.1	D	-		8,435	28.2	D	-		-	No
#5 I-110	North of I-405 [12]	11,750	10,565	40.2	E	0.90	D	10,574	40.2	E	0.90	D	0.00	No	9,265	32.1	D	-		9,272	32.2	D	-		-	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	6,442	45.4	F	0.95	E	6,487	46.1	F	0.96	E	0.01	No	6,545	47.0	F	0.97	E	6,591	47.7	F	0.98	E	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction I-405, south of Del Amo)	9,000	7,998	39.9	E	0.89	D	8,040	40.3	E	0.89	D	0.00	No	7,617	37.1	E	0.85	D	7,664	37.5	E	0.85	D	0.01	No
#8 I-710	North of Alondra Boulevard [12]	11,750	8,025	26.5	D	-		8,062	26.6	D	-		-	No	7,631	24.9	C	-		7,675	25.1	C	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	7,932	35.8	E	0.84	D	7,960	36.0	E	0.85	D	0.01	No	7,376	31.9	D	-		7,411	32.1	D	-		-	No
#10 I-710	North of Florence Avenue[12]	9,400	8,535	41.0	E	0.91	D	8,562	41.2	E	0.91	D	0.00	No	7,518	32.8	D	-		7,552	33.1	D	-		-	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	6,587	21.3	C	-		6,587	21.3	C	-		-	No	9,895	35.7	E	0.84	D	9,895	35.7	E	0.84	D	0.00	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	6,619	17.9	B	-		6,619	17.9	B	-		-	No	8,384	22.7	C	-		8,385	22.7	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
[12]Non-CMP location

1

Section 3.6.4.5, Page 3.6-78, Table 3.6-33

Revise Table 3.6-33, as follows:

Table 3.6-33: CEQA Baseline Compared to 2038 With Proposed Project - Freeway Analysis—P.M. Peak

Freeway	Location	Cap.	Northbound / Eastbound											Southbound / Westbound										
			CEQA Baseline					2038 With Proposed Project					Change in D/C	Sign. Impt?	CEQA Baseline					2026 With Proposed Project					Change in D/C	Sign. Impt?
			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS		
#1 SR-47	Vincent Thomas Bridge ~~1~~2	4,700	2,764	26.4	D	-		2,828	27.1	D	-		-	No	2,759	26.4	D	-		2,787	26.7	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge ~~1~~2	6,750	1,173	7.5	A	-		1,229	7.8	A	-		-	No	997	6.4	A	-		1,041	6.6	A	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	4,678	18.9	C	-		4,719	19.1	C	-		-	No	3,302	13.4	B	-		3,318	13.4	B	-		-	No
#4 I-110	North of 223rd Street ~~1~~2	9,400	7,686	34.0	D	-		7,709	34.2	D	-		-	No	5,699	18.5	C	-		5,712	18.5	C	-		-	No
#5 I-110	North of I-405 ~~1~~2	11,750	10,440	39.3	E	0.89	D	10,453	39.4	E	0.89	D	0.00	No	9,002	30.8	D	-		9,010	30.8	D	-		-	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	5,819	38.1	E	0.86	D	5,893	38.8	E	0.87	D	0.01	No	5,659	36.7	E	0.84	D	5,719	37.2	E	0.85	D	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000	6,785	32.5	D	-		6,857	32.8	D	-		-	No	7,526	36.5	E	0.84	D	7,585	36.9	E	0.84	D	0.00	No
#8 I-710	North of Alondra Boulevard ~~1~~2	11,750	6,491	21.0	C	-		6,555	21.2	C	-		-	No	7,868	25.9	C	-		7,927	26.1	D	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	6,466	26.7	D	-		6,514	27.0	D	-		-	No	7,838	35.1	E	0.83	D	7,879	35.4	E	0.84	D	0.01	No
#10 I-710	North of Florence Avenue~~1~~2	9,400	5,550	22.5	C	-		5,595	22.7	C	-		-	No	7,824	35.0	D	0.83	D	7,862	35.3	E	0.84	D	0.01	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	10,127	37.1	E	0.86	D	10,127	37.1	E	0.86	D	0.00	No	8,669	29.2	D	-		8,669	29.2	D	-		-	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	7,780	21.0	C	-		7,780	21.0	C	-		-	No	6,032	22.1	B	-		6,032	16.3	B	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
~~1~~2Non-CMP location

1

Section 3.6.4.5, Page 3.6-79, Table 3.6-34

Revise Table 3.6-34, as follows:

Table 3.6-34: 2019 NEPA Baseline Compared to 2019 With Proposed Project - Freeway Analysis—A.M. Peak

			Northbound / Eastbound											Southbound / Westbound										
			2019 NEPA Baseline					2019 With Proposed Project						2019 NEPA Baseline					2019 With Proposed Project					
Freeway	Location	Cap.	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?
#1 SR-47	Vincent Thomas Bridge [1,2]	4,700	3,508	33.6	D	-		3,508	33.6	D	-		-	No	3,199	30.6	D	-		3,199	30.6	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge [1,2]	6,750	642	4.1	A	-		642	4.1	A	-		-	No	1,422	9.1	A	-		1,422	9.1	A	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	5,565	22.6	C	-		5,565	22.6	C	-		-	No	4,879	19.8	C	-		4,879	19.8	C	-		-	No
#4 I-110	North of 223rd Street [1,2]	9,400	8,975	45.5	F	0.95	E	8,975	45.5	F	0.95	E	0.00	No	7,372	24.0	C	-		7,372	24.0	C	-		-	No
#5 I-110	North of I-405 [1,2]	11,750	10,531	39.9	E	0.90	D	10,531	39.9	E	0.90	D	0.00	No	11,295	46.2	F	0.96	E	11,295	46.2	F	0.96	E	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	5,555	35.8	E	0.82	D	5,555	35.8	E	0.82	D	0.00	No	7,020	55.8	F	1.04	F(0)	7,020	55.8	F	1.04	F(0)	0.00	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000	8,045	40.3	E	0.89	D	8,045	40.3	E	0.89	D	0.00	No	8,161	41.3	E	0.91	D	8,161	41.3	E	0.91	D	0.00	No
#8 I-710	North of Alondra Boulevard [1,2]	11,750	8,181	27.1	D	-		8,181	27.1	D	-		-	No	9,080	31.2	D	-		9,080	31.2	D	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	7,639	33.7	D	-		7,639	33.7	D	-		-	No	8,614	41.7	E	0.92	D	8,614	41.7	E	0.92	D	0.00	No
#10 I-710	North of Florence Avenue[1,2]	9,400	7,940	35.9	E	0.84	D	7,940	35.9	E	0.84	D	0.00	No	9,771	56.5	F	1.04	F(0)	9,771	56.5	F	1.04	F(0)	0.00	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	12,113	55.1	F	1.03	F(0)	12,113	55.1	F	1.03	F(0)	0.00	No	8,624	29.0	D	-		8,624	29.0	D	-		-	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	9,884	27.3	D	-		9,884	27.3	D	-		-	No	8,460	22.9	C	-		8,460	22.9	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
[1,2]Non-CMP location

Section 3.6.4.5, Page 3.6-80, Table 3.6-35

Revise Table 3.6-35, as follows:

Table 3.6-35: 2019 NEPA Baseline Compared to 2019 With Proposed Project - Freeway Analysis—P.M. Peak

			Northbound / Eastbound												Southbound / Westbound										
			2019 NEPA Baseline					2019 With Proposed Project							2019 NEPA Baseline					2019 With Proposed Project						
Freeway	Location	Cap.	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?
#1 SR-47	Vincent Thomas Bridge [12]	4,700~~4,207~~	4,207	43.6	E	0.90	D	4,207	43.6	E	0.90	D	0.00	No	3,687	35.6	E	0.78	D	3,687	35.6	E	0.78	D	0.00	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge [12]	6,750~~1,466~~	1,466	9.4	A	-		1,466	9.4	A	-		-	No	1,704	10.9	A	-		1,704	10.9	A	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400~~4,629~~	4,629	18.7	C	-		4,629	18.7	C	-		-	No	5,500	22.3	C	-		5,500	22.3	C	-		-	No
#4 I-110	North of 223rd Street [12]	9,400~~6,802~~	6,802	28.5	D	-		6,802	28.5	D	-		-	No	8,315	27.7	D	-		8,315	27.7	D	-		-	No
#5 I-110	North of I-405 [12]	11,750~~10,188~~	10,188	37.5	E	0.87	D	10,188	37.5	E	0.87	D	0.00	No	11,048	44.0	E	0.94	E	11,048	44.0	E	0.94	E	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750~~5,441~~	5,441	34.9	D	-		5,441	34.9	D	-		-	No	6,136	41.5	E	0.91	D	6,136	41.5	E	0.91	D	0.00	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000~~8,102~~	8,102	40.8	E	0.90	D	8,102	40.8	E	0.90	D	0.00	No	6,782	32.4	D	-		6,782	32.4	D	-		-	No
#8 I-710	North of Alondra Boulevard [12]	11,750~~8,656~~	8,656	29.2	D	-		8,656	29.2	D	-		-	No	7,172	23.3	C	-		7,172	23.3	C	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400~~8,567~~	8,567	41.3	E	0.91	D	8,567	41.3	E	0.91	D	0.00	No	6,870	28.9	D	-		6,870	28.9	D	-		-	No
#10 I-710	North of Florence Avenue[12]	9,400~~8,710~~	8,710	42.7	E	0.93	D	8,710	42.7	E	0.93	D	0.00	No	6,498	26.9	D	-		6,498	26.9	D	-		-	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750~~10,400~~	10,400	39.0	E	0.89	D	10,400	39.0	E	0.89	D	0.00	No	11,955	53.2	F	1.02	F(0)	11,955	53.2	F	1.02	F(0)	0.00	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100~~7,720~~	7,720	20.8	C	-		7,720	20.8	C	-		-	No	9,247	22.3	C	-		9,247	13.4	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
[12]Non-CMP location

1

Section 3.6.4.5, Page 3.6-81, Table 3.6-36

Revise Table 3.6-36, as follows:

Table 3.6-36: 2026 NEPA Baseline Compared to 2026 With Proposed Project - Freeway Analysis—A.M. Peak

Freeway	Location	Cap.	Northbound / Eastbound												Southbound / Westbound											
			2026 NEPA Baseline					2026 With Proposed Project					Change in D/C	Sign. Impt?	2026 NEPA Baseline					2026 With Proposed Project					Change in D/C	Sign. Impt?
			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS			Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS		
#1 SR-47	Vincent Thomas Bridge [12]	4,700~~4,108~~	4,108	41.8	E	0.87	D	4,137	42.3	E	0.88	D	0.01	No	3,307	31.6	D	-		3,325	31.8	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge [12]	6,750~~1,788~~	1,788	11.4	B	-		1,804	11.5	B	-		-	No	2,599	16.6	B	-		2,631	16.8	B	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400~~6,746~~	6,746	28.2	D	-		6,759	28.2	D	-		-	No	5,653	22.9	C	-		5,664	23.0	C	-		-	No
#4 I-110	North of 223rd Street [12]	9,400~~9,688~~	9,688	55.1	F	1.03	F(0)	9,696	55.2	F	1.03	F(0)	0.00	No	8,023	26.5	D	-		8,031	26.5	D	-		-	No
#5 I-110	North of I-405 [12]	11,750~~10,651~~	10,651	40.8	E	0.91	D	10,656	40.9	E	0.91	D	0.00	No	11,678	50.1	F	0.99	E	11,682	50.1	F	0.99	E	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750~~7,507~~	7,507	69.6	F	1.11	F(0)	7,533	70.6	F	1.12	F(0)	0.00	No	8,259	114.8	F	1.22	F(0)	8,286	117.6	F	1.23	F(0)	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000~~9,396~~	9,396	56.4	F	1.04	F(0)	9,421	56.8	F	1.05	F(0)	0.00	No	9,201	53.3	F	1.02	F(0)	9,229	53.7	F	1.03	F(0)	0.00	No
#8 I-710	North of Alondra Boulevard [12]	11,750~~8,932~~	8,932	30.5	D	-		8,954	30.6	D	-		-	No	9,586	33.9	D	-		9,612	34.0	D	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400~~8,066~~	8,066	36.9	E	0.86	D	8,082	37.0	E	0.86	D	0.00	No	8,990	45.7	F	0.96	E	9,011	45.9	F	0.96	E	0.00	No
#10 I-710	North of Florence Avenue[12]	9,400~~8,146~~	8,146	37.5	E	0.87	D	8,162	37.6	E	0.87	D	0.00	No	9,796	56.9	F	1.04	F(0)	9,815	57.2	F	1.04	F(0)	0.00	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750~~11,802~~	11,802	51.4	F	1.00	F(0)	11,802	51.4	F	1.00	F(0)	0.00	No	8,221	27.3	D	-		8,221	27.3	D	-		-	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100~~9,515~~	9,515	26.1	D	-		9,515	26.1	D	-		-	No	8,043	21.7	C	-		8,043	21.7	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
[12]Non-CMP location

1

Section 3.6.4.5, Page 3.6-82, Table 3.6-37

Revise Table 3.6-37, as follows:

Table 3.6-37: 2026 NEPA Baseline Compared to 2026 With Proposed Project - Freeway Analysis—P.M. Peak

			Northbound / Eastbound												Southbound / Westbound									
			2026 NEPA Baseline					2026 With Proposed Project							2026 NEPA Baseline					2026 With Proposed Project						
Freeway	Location	Cap.	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?
#1 SR-47	Vincent Thomas Bridge ~~1~~2	4,700	4,163	42.8	E	0.89	D	4,207	43.6	E	0.90	D	0.01	No	3,222	30.8	D	-		3,240	31.0	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge ~~1~~2	6,750	1,706	10.9	A	-		1,743	11.1	B	-		-	No	1,605	10.2	A	-		1,633	10.4	A	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	4,631	18.7	C	-		4,658	18.9	C	-		-	No	5,235	21.2	C	-		5,245	21.2	C	-		-	No
#4 I-110	North of 223rd Street ~~1~~2	9,400	6,698	27.9	D	-		6,713	28.0	D	-		-	No	7,988	26.3	D	-		7,996	26.4	D	-		-	No
#5 I-110	North of I-405 ~~1~~2	11,750	9,867	35.5	E	0.84	D	9,875	35.6	E	0.84	D	0.00	No	10,761	41.7	E	0.92	D	10,766	41.7	E	0.92	D	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	5,434	34.8	D	0.81	D	5,479	35.2	E	0.81	D	0.00	No	5,839	38.3	E	0.87	D	5,874	38.7	E	0.87	D	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000	7,826	38.6	E	0.87	D	7,869	38.9	E	0.87	D	0.00	No	6,457	30.9	D	-		6,492	31.1	D	-		-	No
#8 I-710	North of Alondra Boulevard ~~1~~2	11,750	7,986	26.3	D	-		8,024	26.5	D	-		-	No	6,356	20.6	C	-		6,391	20.7	C	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	8,156	37.6	E	0.87	D	8,184	37.8	E	0.87	D	0.00	No	6,503	26.9	D	-		6,527	27.0	D	-		-	No
#10 I-710	North of Florence Avenue~~1~~2	9,400	8,198	37.9	E	0.87	D	8,225	38.2	E	0.87	D	0.00	No	5,997	24.4	C	-		6,019	24.6	C	-		-	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	9,712	34.6	D	-		9,712	34.6	D	-		-	No	10,984	43.5	E	0.93	E	10,984	43.5	E	0.93	E	0.00	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	6,920	18.7	C	-		6,920	18.7	C	-		-	No	8,447	21.2	C	-		8,447	13.4	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
~~1~~2Non-CMP location

1

Section 3.6.4.5, Page 3.6-83, Table 3.6-38

Revise Table 3.6-38, as follows:

Table 3.6-38: 2038 NEPA Baseline Compared to 2038 With Proposed Project - Freeway Analysis—A.M. Peak

			Northbound / Eastbound												Southbound / Westbound									
			2038 NEPA Baseline					2038 With Proposed Project							2038 NEPA Baseline					2038 With Proposed Project						
Freeway	Location	Cap.	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?
#1 SR-47	Vincent Thomas Bridge ~~1~~2	4,700	4,365	47.0	F	0.93	D	4,407	48.0	F	0.94	E	0.01	No	3,602	34.6	D	-		3,630	34.9	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge ~~1~~2	6,750	2,180	13.9	B	-		2,205	14.1	B	-		-	No	2,964	18.9	C	-		3,012	19.2	C	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	7,336	31.6	D	-		7,357	31.8	D	-		-	No	6,302	25.9	C	-		6,319	26.0	C	-		-	No
#4 I-110	North of 223rd Street ~~1~~2	9,400	9,889	58.5	F	1.05	F(0)	9,902	58.7	F	1.05	F(0)	0.00	No	8,407	28.1	D	-		8,420	28.1	D	-		-	No
#5 I-110	North of I-405 ~~1~~2	11,750	10,533	39.9	E	0.90	D	10,542	40.0	E	0.90	D	0.00	No	11,957	53.2	F	1.02	F(0)	11,964	53.3	F	1.02	F(0)	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	7,865	85.5	F	1.17	F(0)	7,910	88.1	F	1.17	F(0)	0.00	No	8,784	213.8	F	1.30	F(1~~0~~)	8,830	231.5	F	1.31	F(1~~0~~)	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000	10,029	70.2	F	1.11	F(0)	10,071	71.3	F	1.12	F(0)	0.01	No	9,583	59.9	F	1.06	F(0)	9,630	60.8	F	1.07	F(0)	0.01	No
#8 I-710	North of Alondra Boulevard ~~1~~2	11,750	9,556	33.7	D	-		9,594	33.9	D	-		-	No	10,226	37.8	E	0.87	D	10,270	38.1	E	0.87	D	0.00	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	8,567	41.3	E	0.91	D	8,595	41.5	E	0.91	D	0.00	No	9,532	52.7	F	1.01	F(0)	9,567	53.2	F	1.02	F(0)	0.01	No
#10 I-710	North of Florence Avenue~~1~~2	9,400	8,545	41.0	E	0.91	D	8,572	41.3	E	0.91	D	0.00	No	10,645	75.4	F	1.13	F(0)	10,678	76.3	F	1.14	F(0)	0.01	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	10,741	41.5	E	0.91	D	10,741	41.5	E	0.91	D	0.00	No	8,205	27.2	D	-		8,205	27.2	D	-		-	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	8,650	23.4	C	-		8,650	23.4	C	-		-	No	7,511	20.3	C	-		7,511	20.3	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
~~1~~2Non-CMP location

1

Section 3.6.4.5, Page 3.6-84, Table 3.6-39

Revise Table 3.6-39, as follows:

Table 3.6-39: 2038 NEPA Baseline Compared to 2038 With Proposed Project - Freeway Analysis—P.M. Peak

			Northbound / Eastbound												Southbound / Westbound										
			2038 NEPA Baseline					2038 With Proposed Project							2038 NEPA Baseline					2038 With Proposed Project						
Freeway	Location	Cap.	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?	Vol	Density	LOS	D/C[1]	LOS	Vol	Density	LOS	D/C[1]	LOS	Change in D/C	Sign. Impt?
#1 SR-47	Vincent Thomas Bridge [12]	4,700	4,585	52.8	F	0.98	E	4,649	54.8	F	0.99	E	0.01	No	3,277	31.4	D	-		3,305	31.6	D	-		-	No
#2 SR-47/SR-103	Commodore Schuyler Heim Bridge [12]	6,750	2,079	13.3	B	-		2,135	13.6	B	-		-	No	1,870	11.9	B	-		1,914	12.2	B	-		-	No
#3 I-110	South of C Street (CMP monitoring station—south of C Street)	9,400	5,232	21.2	C	-		5,273	21.3	C	-		-	No	5,460	22.1	C	-		5,476	22.2	C	-		-	No
#4 I-110	North of 223rd Street [12]	9,400	6,809	28.5	D	-		6,833	28.7	D	-		-	No	8,089	26.7	D	-		8,102	26.8	D	-		-	No
#5 I-110	North of I-405 [12]	11,750	9,976	36.2	E	0.85	D	9,989	36.3	E	0.85	D	0.00	No	10,814	42.1	E	0.92	D	10,822	42.1	E	0.92	D	0.00	No
#6 I-710	North of PCH (CMP monitoring station—north of the junction of SR-1 [PCH], Willow Street)	6,750	5,476	35.2	E	0.81	D	5,550	35.8	E	0.82	D	0.01	No	6,020	40.2	E	0.89	D	6,080	40.8	E	0.90	D	0.01	No
#7 I-710	North of I-405 (CMP monitoring station—north of the junction of I-405, south of Del Amo)	9,000	8,059	40.4	E	0.90	D	8,131	41.0	E	0.90	D	0.00	No	6,600	31.6	D	-		6,659	31.9	D	-		-	No
#8 I-710	North of Alondra Boulevard [12]	11,750	8,550	28.7	D	-		8,614	29.0	D	-		-	No	6,790	22.0	C	-		6,849	22.2	C	-		-	No
#9 I-710	North of I-105 and north of Firestone Boulevard (CMP monitoring station)	9,400	8,462	40.3	E	0.90	D	8,510	40.7	E	0.91	D	0.01	No	6,668	27.8	D	-		6,708	28.0	D	-		-	No
#10 I-710	North of Florence Avenue[12]	9,400	8,566	41.2	E	0.91	D	8,612	41.7	E	0.92	D	0.01	No	6,187	25.3	C	-		6,225	25.5	C	-		-	No
#11 I-405	Between I-110 and I-710 (CMP monitoring station—Santa Fe Avenue)	11,750	9,687	34.4	D	-		9,687	34.4	D	-		-	No	11,211	45.5	F	0.95	E	11,211	45.5	F	0.95	E	0.00	No
#12 SR-91	West of I-710 (CMP monitoring station—east of Alameda Street/Santa Fe Avenue interchange)	14,100	6,735	18.2	C	-		6,735	18.2	C	-		-	No	8,082	22.2	C	-		8,082	13.4	C	-		-	No

Notes: Freeway operation conditions based on the methodology in the 2010 HCM where level of service is based on density (passenger car per mile per lane).
[1]Per Caltrans traffic impact study guidelines, Caltrans targets maintaining LOS between C and D; for segments where 2010 HCM LOS is E or F, D/C was used to determine impact significance per CMP guidelines.
[12]Non-CMP location

1

3.2.6 Changes Made to Section 3.10, Noise

Section 3.10.4.3, Page 3.10-27

Revise mitigation measure MM NOI-2, as follows:

MM NOI-2: Utilize Temporary Noise Attenuation Curtain Adjacent to Pile-Driving Equipment. If under MM NOI-1 the reduced pile driving noise exceeds 103 dBA at 50 feet from the pile driver, u~~U~~tilize temporary noise attenuation curtain suitable for pile driving equipment as needed. This noise attenuation device should be installed directly between the equipment and the nearest noise sensitive receptor to the construction site.

Section 3.10.4.5, Page 3.10-59

Revise mitigation measure MM NOI-2, as follows:

Mitigation Measure	**MM NOI-2: Utilize Temporary Noise Attenuation Curtain Adjacent to Pile Driving Equipment.** If under MM NOI-1 the reduced pile driving noise exceeds 103 dBA at 50 feet from the pile driver, u~~U~~tilize temporary noise attenuation skirt suitable for pile driving as needed. This noise attenuation device should be installed directly between the equipment and the nearest noise sensitive receptor to the construction site.

3.2.7 Changes Made to Chapter 4, Cumulative Analysis

Section 4.2.2.5, Page 4-38

Revise paragraph under "Contribution of the Proposed Project (Prior to Mitigation)," as follows:

Proposed Project operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019~~, 2033, and 2038~~, and for CO and VOC in 2033 and 2038 under CEQA. Operational emissions would also exceed SCAQMD significance thresholds for NO_X in 2019, 2026, 2033, and 2038, and for CO, VOC, and $PM_{2.5}$ in 2033 and 2038 under NEPA. These impacts would combine with impacts from concurrent related projects discussed above, which would already be cumulatively significant. As a result, without mitigation, proposed Project operational emissions would make a cumulatively considerable contribution to a significant cumulative impact for NO_X, CO, and VOC under CEQA, and for NO_X, CO, VOC, and $PM_{2.5}$ under NEPA.

Section 4.2.2.5, Pages 4-38 to 4-39

Revise paragraphs under "Contribution of the Alternatives," as follows:

Alternative 1 operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019~~, 2033, and 2038~~; and CO and VOC in 2033 and 2038 under CEQA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. As a result, without mitigation, Alternative 1 impacts would make a cumulatively considerable contribution to a significant cumulative impact for

NO_X, CO, and VOC under CEQA. Alternative 1 would have the same conditions as the NEPA baseline, therefore there would be no impacts under NEPA.

Alternative 2 operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019~~, 2033, and 2038~~; and CO and VOC in 2033 and 2038 under CEQA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. As a result, without mitigation, Alternative 2 impacts would make a cumulatively considerable contribution to a significant cumulative impact for NOx, CO, and VOC under CEQA. Since NEPA requires the evaluation of a No Federal Action Alternative and not a No Project Alternative, no cumulative impact determination under NEPA is made for Alternative 2.

Alternative 3 operational emissions would exceed SCAQMD significance thresholds for ~~NO_X,~~ CO~~,~~ and VOC in 2033 and 2038 under CEQA. Operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019, 2026, 2033, and 2038; and for CO, VOC, and $PM_{2.5}$ in 2033 and 2038 under NEPA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. As a result, without mitigation, Alternative 3 operational emissions would make a cumulatively considerable contribution to a significant cumulative impact for ~~NO_X,~~ CO~~,~~ and VOC under CEQA; and for NO_X, CO, VOC, and $PM_{2.5}$ under NEPA.

Alternative 4 operational emissions would exceed SCAQMD significance thresholds for ~~NO_X and~~ CO in 2033 and 2038 under CEQA. Operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019, 2026, 2033, and 2038 under NEPA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. As a result, without mitigation, Alternative 4 operational emissions would make a cumulatively considerable contribution to a significant cumulative impact for ~~NO_X and~~ CO under CEQA; and for NO_X under NEPA.

Alternative 5 operational emissions would exceed SCAQMD significance thresholds for NO_X, in 2019~~, 2033, and 2038~~; and for CO, and VOC in 2033 and 2038 under CEQA. Operational emissions would exceed SCAQMD significance thresholds for NO_X in 2019, 2026, 2033, and 2038; for CO and $PM_{2.5}$ in 2033 and 2038, and for VOC in 2026, 2033, and 2038 under NEPA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. As a result, without mitigation, Alternative 5 operational emissions would make a cumulatively considerable contribution to a significant cumulative impact for NO_X, CO, and VOC under CEQA; and for NO_X, CO, VOC, and $PM_{2.5}$ under NEPA.

Section 4.2.2.5, Pages 4-39 to 4-40

Revise first three paragraphs under "Mitigation Measures and Residual Cumulative Impacts," as follows:

After mitigation (measures MM AQ-6 and MM AQ-7), proposed Project NOx emissions in 2019~~, 2033, and 2038~~ would be reduce*d* to a less than significant level; however, operational emissions would continue to exceed SCAQMD significance thresholds for CO, and VOC in 2033 and 2038 under CEQA. Proposed Project operational emissions for NOx in 2019, VOC in 2026, and $PM_{2.5}$ in 2033 and 2038 would be reduced to a less than significant level; however, operational emissions would continue to exceed SCAQMD significance thresholds for NO_X in 2026, 2033, and 2038; for CO and VOC in

2033 and 2038 under NEPA. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. Therefore, after mitigation, the proposed Project would make a cumulatively considerable and unavoidable contribution to a significant cumulative impact for CO and VOC emissions under CEQA; and for NO_X, CO, and VOC under NEPA.

Alternative 1 operational emissions, with mitigation measures MM AQ-6 and MM AQ-7, would continue to exceed the SCAQMD significance thresholds for CO and VOC in 2033 and 2038. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. Therefore, after mitigation, Alternative 1 would make a cumulatively considerable and unavoidable contribution to a significant cumulative impact for CO and VOC emissions under CEQA. Alternative 1 would have the same conditions as the NEPA baseline, therefore there would be no impacts under NEPA.

Alternative 2 operational emissions would exceed the SCAQMD significance thresholds for NOx in 2019~~, 2033, and 2038~~ and CO and VOC in 2033 and 2038. These impacts would combine with impacts from concurrent related projects, which would be cumulatively significant. Therefore, Alternative 2 would make a cumulatively considerable and unavoidable contribution to a significant cumulative impact for NOx, CO and VOC emissions under CEQA. Since NEPA requires the evaluation of a No Federal Action Alternative and not a No Project Alternative, no cumulative impact determination under NEPA is made for Alternative 2.

3.2.8 Changes Made to Chapter 6, Comparison of Alternatives

Section 6.2.2, Page 6-5, Table 6-2

Revise Table 6-2, as follows:

Table 6-2: Summary of CEQA Significance Analysis by Alternative

Environmental Resource Area	Proposed Project	Alternative				
		1	2	3	4	5
Air Quality and Meteorology	S	S	S	S	S	S
Biological Resources	S	S	S	S	S	S
Cultural Resources	S	S	N	S	L	S
Greenhouse Gas Emissions	S	S	S	S	S	S
~~Groundwater and Soils~~	~~M~~	~~M~~	~~N~~	~~M~~	~~L~~	~~M~~
Noise	M	L	L	M	M	M

Notes:
The analysis includes project-level impacts, not cumulative effects.
S = Unavoidable significant impacts
M = Significant but mitigable impact
L = Less than significant impact (not significant)
N = No impact

Section 6.2.2, Page 6-7

Delete the first paragraph on page 6-7, as follows:

~~For groundwater and soils, the proposed Project and Alternatives 1, 3 and 5 were determined to result in less-than-significant impacts with the incorporation of mitigation measures. The impact is associated with the potential to expose construction personnel, and potentially existing operations personnel, to previously unknown or undocumented soil and/or groundwater contamination as a result of grading, excavation, and other construction-related activities occurring at the 22-acre backlands expansion area. Because no backland improvements would occur under Alternatives 2 and 4, these alternatives would have substantially less of an impact. Backland improvements would occur under Alternatives 1, 3 and 5, similar to the proposed Project. As such, the potential for groundwater and soils impacts under Alternatives 1, 3 and 5 would be equal to those for the proposed Project. Alternatives 2 and 4 do not involve excavation in the 22-acre expansion area, and are deemed to be superior to the others.~~

3.2.9 Changes Made to Appendix B.1, Air Quality Regulations/Methodology and Air Quality and GHG Emission

Section 3-2, Page B1-28

Revise the first paragraph under the heading Cargo-Handling Equipment (CHE) on page B1-28, as follows:

CHE includes yard tractors, RTGs, top handlers, sidepicks, forklifts, ~~sweepers,~~ and other miscellaneous equipment. Sweepers are also used on-site, but are classified as off-road equipment by CARB. All equipment is assumed to be diesel powered with the exception of a certain number of propane-powered forklifts. The marine terminal cranes used to lift containers on and off container ships would be electric and, therefore, would have no direct emissions. Yard tractors and top handlers would operate at both the Everport Container Terminal and the Everport portion of the TICTF.

Emission Worksheets

Appendix B1 includes a compilation of emission worksheets that are generated from air quality modeling efforts. The following new sheets are added which account for the change in overall dispersion concentration relative to each receptor in each year in each alternative under both CEQA and NEPA.

Adjustments to Convert Unmitigated Peak Daily Concentrations Without Tier 3 OGV Included, to With Tier 3 OGV Included

Alt1			NP			Alt3			Alt4			Alt5			PP		
2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2026	NO2 1-HR CAAQS	NO2 1-HR NAAQS
CEQA	-0.00036	-0.00034	CEQA	-0.00031	-0.00031	CEQA	-0.00103	-0.00097	CEQA	-0.00033	-0.00032	CEQA	-0.00074	-0.00069	CEQA	-0.00074	-0.00069
NEPA	0.00000	0.00000	NEPA	0.00005	0.00003	NEPA	-0.00067	-0.00063	NEPA	0.00002	0.00002	NEPA	-0.00038	-0.00035	NEPA	-0.00038	-0.00035
2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2033	NO2 1-HR CAAQS	NO2 1-HR NAAQS
CEQA	-0.00139	-0.00126	CEQA	-0.00139	-0.00126	CEQA	-0.00399	-0.00377	CEQA	-0.00097	-0.00094	CEQA	-0.00366	-0.00345	CEQA	-0.00366	-0.00345
NEPA	0.00000	0.00000	NEPA	0.00000	0.00000	NEPA	-0.00260	-0.00252	NEPA	0.00042	0.00031	NEPA	-0.00227	-0.00220	NEPA	-0.00227	-0.00219
2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS	2038	NO2 1-HR CAAQS	NO2 1-HR NAAQS
CEQA	-0.00209	-0.00188	CEQA	-0.00209	-0.00188	CEQA	-0.00579	-0.00547	CEQA	-0.00135	-0.00132	CEQA	-0.00547	-0.00517	CEQA	-0.00547	-0.00517
NEPA	0.00000	0.00000	NEPA	0.00000	0.00000	NEPA	-0.00370	-0.00359	NEPA	0.00074	0.00057	NEPA	-0.00338	-0.00329	NEPA	-0.00338	-0.00329
Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS	Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS	Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS	Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS	Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS	Peak	NO2 1-HR CAAQS	NO2 1-HR NAAQS
CEQA	0.0000	0.0000	CEQA	0.0000	0.0000	CEQA	0.0000	0.0000	CEQA	-0.0010	-0.0009	CEQA	0.0000	0.0000	CEQA	0.0000	0.0000
NEPA	0.0000	0.0000	NEPA	0.0000	0.0000	NEPA	-0.0037	-0.0036	NEPA	0.0000	0.0006	NEPA	-0.0034	-0.0033	NEPA	-0.0034	-0.0033

	CEQA			CEQA			CEQA			CEQA			CEQA			CEQA	
	CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year
Alt1	2019	2019	Alt1	2019	2019	Alt1	2019	2019	Alt1	2019	2019	Alt1	2019	2019	Alt1	2019	2019
NP	2019	2019	NP	2019	2019	NP	2019	2019	NP	2019	2019	NP	2019	2019	NP	2019	2019
Alt3	2019	2019	Alt3	2019	2019	Alt3	2019	2019	Alt3	2019	2019	Alt3	2019	2019	Alt3	2019	2019
Alt4	2033	2033	Alt4	2033	2033	Alt4	2033	2033	Alt4	2033	2033	Alt4	2033	2033	Alt4	2033	2033
Alt5	2019	2019	Alt5	2019	2019	Alt5	2019	2019	Alt5	2019	2019	Alt5	2019	2019	Alt5	2019	2019
PP	2019	2019	PP	2019	2019	PP	2019	2019	PP	2019	2019	PP	2019	2019	PP	2019	2019
	NEPA			NEPA			NEPA			NEPA			NEPA			NEPA	
	CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year		CAAQS Peak Year	NAAQS Peak Year
Alt1	-	-	Alt1	-	-	Alt1	-	-	Alt1	-	-	Alt1	-	-	Alt1	-	-
NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-	NP	-	-
Alt3	2038	2038	Alt3	2038	2038	Alt3	2038	2038	Alt3	2038	2038	Alt3	2038	2038	Alt3	2038	2038
Alt4	2019	2038	Alt4	2019	2038	Alt4	2019	2038	Alt4	2019	2038	Alt4	2019	2038	Alt4	2019	2038
Alt5	2038	2038	Alt5	2038	2038	Alt5	2038	2038	Alt5	2038	2038	Alt5	2038	2038	Alt5	2038	2038
PP	2038	2038	PP	2038	2038	PP	2038	2038	PP	2038	2038	PP	2038	2038	PP	2038	2038

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
380450	3731350	66.18%	14.525606	14.03966	14.52561	14.03966	14.72718	14.23531	15.51738	14.99939	14.95766	14.45894	14.95766	14.45894	19.75864	19.09341	19.75864	19.09341	19.95483	19.28367
380950	3731350	67.45%	16.21635	15.87938	16.21635	15.87938	16.46727	16.12823	17.34637	16.98883	16.71573	16.37077	16.71573	16.37077	22.00597	21.5419	22.00597	21.5419	22.24106	21.77405
381450	3731350	65.54%	18.679038	17.93935	18.67904	17.93935	18.99641	18.24369	20.00484	19.21264	19.2706	18.5084	19.2706	18.5084	25.29541	24.29204	25.29541	24.29204	25.58336	24.56852
381950	3731350	65.55%	22.110628	21.16056	22.11063	21.16056	22.51073	21.54202	23.70139	22.68211	22.82641	21.84581	22.82641	21.84581	29.89442	28.61028	29.89442	28.61028	30.2503	28.95024
384450	3731350	56.86%	19.303718	18.28066	19.30372	18.28066	19.53439	18.49111	20.62875	19.53063	19.98319	18.92597	19.98319	18.92597	26.05794	24.67811	26.05794	24.67811	26.32074	24.92338
380450	3731850	62.95%	15.889925	15.53135	15.88993	15.53135	16.12938	15.76788	16.99078	16.60982	16.37269	16.00557	16.37269	16.00557	21.58135	21.08731	21.58135	21.08731	21.80715	21.30982
380950	3731850	56.01%	18.285919	17.81412	18.28592	17.81412	18.58822	18.10916	19.57608	19.0717	18.85814	18.37272	18.85814	18.37272	24.78331	24.14086	24.78331	24.14086	25.05963	24.41061
381450	3731850	63.64%	20.196706	19.56102	20.19671	19.56102	20.55482	19.90803	21.64303	20.96198	20.8449	20.18888	20.8449	20.18888	27.32317	26.46291	27.32317	26.46291	27.64356	26.77328
383450	3731850	67.55%	17.825878	17.49912	17.82588	17.49912	18.05613	17.72901	19.05525	18.7086	18.43379	18.09607	18.43379	18.09607	24.09342	23.64944	24.09342	23.64944	24.34078	23.89413
383950	3731850	63.55%	16.289656	15.88249	16.28966	15.88249	16.46165	16.05254	17.38984	16.95702	16.85467	16.43403	16.85467	16.43403	22.02116	21.46791	22.02116	21.46791	22.23017	21.67296
380450	3732350	69.13%	16.73045	15.90872	16.73045	15.90872	16.99474	16.15643	17.90031	17.01831	17.24679	16.39866	17.24679	16.39866	22.69802	21.58776	22.69802	21.58776	22.94341	21.81905
380950	3732350	58.58%	18.797496	18.37339	18.7975	18.37339	19.11558	18.68386	20.13074	19.67619	19.39245	18.9544	19.39245	18.9544	25.45762	24.88463	25.45762	24.88463	25.7466	25.16686
381450	3732350	59.16%	21.127573	20.6715	21.12757	20.6715	21.50899	21.04573	22.64674	22.15886	21.81079	21.34081	21.81079	21.34081	28.56743	27.94842	28.56743	27.94842	28.9069	28.28115
381950	3732350	67.36%	23.818136	21.90152	23.81814	21.90152	24.26384	22.30118	25.54529	23.48204	24.60065	22.61881	24.60065	22.61881	32.16936	29.59191	32.16936	29.59191	32.56219	29.94767
382450	3732350	66.43%	22.269601	21.94784	22.2696	21.94784	22.65895	22.33437	23.86781	23.52507	23.00751	22.67583	23.00751	22.67583	30.08175	29.59982	30.08175	29.59982	30.43678	29.95054
383450	3732350	68.74%	15.652286	15.34197	15.65229	15.34197	15.8367	15.52716	16.71804	16.38998	16.1808	15.86103	16.1808	15.86103	21.17816	20.75322	21.17816	20.75322	21.38563	20.95888
383950	3732350	61.71%	14.492123	14.12611	14.49212	14.12611	14.63548	14.26946	15.46209	15.07418	14.98726	14.60923	14.98726	14.60923	19.6132	19.11089	19.6132	19.11089	19.79289	19.28782
384450	3732350	60.93%	13.627314	13.05291	13.62731	13.05291	13.74954	13.16873	14.53059	13.91789	14.09199	13.50003	14.09199	13.50003	18.45256	17.65226	18.45256	17.65226	18.61515	17.80745
380450	3732850	58.63%	17.262173	16.71282	17.26217	16.71282	17.54271	16.98308	18.47615	17.88708	17.80021	17.23308	17.80021	17.23308	23.40336	22.6606	23.40336	22.6606	23.66134	22.90972
380950	3732850	64.12%	19.680105	18.94072	19.68011	18.94072	20.02183	19.26599	21.08332	20.28844	20.30776	19.54362	20.30776	19.54362	26.63759	25.64117	26.63759	25.64117	26.94537	25.93547
381450	3732850	56.97%	22.886485	21.92436	22.88649	21.92436	23.31404	22.33178	24.54366	23.35937	23.63228	22.63819	23.63228	22.63819	30.9246	29.43938	30.9246	29.43938	31.3005	29.79537
382450	3732850	67.70%	19.736178	19.26893	19.73618	19.26893	20.06305	19.58958	21.13925	20.64004	20.38685	19.90498	20.38685	19.90498	26.67824	26.04378	26.67824	26.04378	26.98315	26.34254
383950	3732850	65.45%	13.062942	12.65886	13.06294	12.65886	13.1862	12.7809	13.9309	13.49667	13.5017	13.08059	13.5017	13.08059	17.698755	17.13845	17.69876	17.13845	17.8563	17.2927
384450	3732850	62.51%	12.388664	11.85744	12.38866	11.85744	12.49444	11.95946	13.20429	12.63901	12.80487	12.25703	12.80487	12.25703	16.791973	16.06884	16.79197	16.06884	16.9359	16.20722
384950	3732850	57.74%	11.857838	11.45635	11.85784	11.45635	11.95219	11.54912	12.63346	12.20747	12.25492	11.8422	12.25492	11.8422	16.079513	15.52941	16.07951	15.52941	16.21364	15.66021
380450	3733350	58.82%	17.571851	16.89458	17.57185	16.89458	17.86214	17.17196	18.81169	18.08548	18.12257	17.42381	18.12257	17.42381	23.81354	22.89752	23.81354	22.89752	24.07918	23.15204
380950	3733350	55.08%	20.483835	20.09697	20.48384	20.09697	20.84922	20.4576	21.95212	21.53915	21.14089	20.74195	21.14089	20.74195	27.60856	27.10444	27.60856	27.10444	27.9329	27.42405
381450	3733350	63.32%	24.093483	23.39956	24.09348	23.39956	24.55677	23.85107	25.84887	25.10586	24.88463	24.16901	24.88463	24.16901	32.534311	31.59408	32.53431	31.59408	32.93775	31.9869
382450	3733350	67.03%	19.146625	18.46461	19.14663	18.46461	19.46431	18.77104	20.50798	19.77772	19.77733	19.07367	19.77733	19.07367	25.881722	24.95812	25.88172	24.95812	26.17782	25.24389
382950	3733350	74.30%	15.033746	14.38016	15.03375	14.38016	15.23357	14.57147	16.0688	15.37061	15.52827	14.85419	15.52827	14.85419	20.354638	19.4676	20.35464	19.4676	20.56249	19.66673
383450	3733350	71.98%	13.428949	12.62787	13.42895	12.62787	13.57974	12.76618	14.33536	13.47814	13.87283	13.04622	13.87283	13.04622	18.194811	17.10961	18.19481	17.10961	18.36716	17.27021
383950	3733350	65.22%	12.216862	11.6251	12.21686	11.6251	12.33151	11.73443	13.02659	12.39589	12.62202	12.01105	12.62202	12.01105	16.563788	15.76046	16.56379	15.76046	16.7098	15.89959
389450	3733350	51.23%	8.29123	8.022448	8.29123	8.022448	8.329674	8.061335	8.811837	8.527696	8.558917	8.282702	8.558917	8.282702	11.281432	10.91209	11.28143	10.91209	11.35971	10.98889
389950	3733350	50.80%	7.889909	7.397348	7.889909	7.397348	7.925011	7.431348	8.38297	7.859766	8.140274	7.63011	8.140274	7.63011	10.745615	10.0783	10.74562	10.0783	10.81853	10.1468
380450	3733850	44.59%	18.232934	17.58488	18.23293	17.58488	18.54449	17.88611	19.52768	18.83422	18.80844	18.14015	18.80844	18.14015	24.55779	23.81556	24.55779	23.81556	24.83715	24.08749
380950	3733850	47.80%	21.776423	20.89705	21.77642	20.89705	22.1775	21.28136	23.34802	22.40455	22.48188	21.57294	22.48188	21.57294	29.43718	28.25085	29.43718	28.25085	29.79124	28.59012
381450	3733850	57.07%	26.377714	25.9051	26.37771	25.9051	26.90504	26.42554	28.31487	27.80998	27.24951	26.76335	27.24951	26.76335	35.594175	34.95062	35.59418	34.95062	36.04691	35.39686
382450	3733850	57.02%	18.027064	17.11186	18.02706	17.11186	18.32275	17.38872	19.30591	18.32332	18.61921	17.6743	18.61921	17.6743	24.374322	23.13863	24.37432	23.13863	24.65108	23.39954
382950	3733850	74.24%	14.448148	13.85591	14.44815	13.85591	14.64231	14.0407	15.4434	14.80963	14.92058	14.30948	14.92058	14.30948	19.566692	18.76425	19.56669	18.76425	19.76693	18.95572
383450	3733850	71.64%	12.741974	12.16172	12.74197	12.16172	12.88602	12.29932	13.60157	12.98219	13.15955	12.56007	13.15955	12.56007	17.271032	16.48492	17.27103	16.48492	17.43442	16.64091
383950	3733850	72.82%	11.57812	11.12345	11.57812	11.12345	11.68897	11.2301	12.34563	11.86104	11.9576	11.48843	11.9576	11.48843	15.70589	15.08823	15.70589	15.08823	15.8445	15.22154
384950	3733850	63.47%	10.33823	10.00798	10.33823	10.00798	10.41549	10.08255	11.00894	10.65731	10.67749	10.33701	10.67749	10.33701	14.036687	13.58714	14.03669	13.58714	14.14981	13.69667
388450	3733850	51.31%	8.958891	8.407189	8.958891	8.407189	9.0036	8.450537	9.525474	8.938527	9.254355	8.680234	9.254355	8.680234	12.174728	11.43312	12.17473	11.43312	12.26208	11.51495
388950	3733850	51.24%	8.657408	8.253192	8.657408	8.253192	8.699127	8.293157	9.202907	8.773368	8.939666	8.522279	8.939666	8.522279	11.772919	11.22306	11.77292	11.22306	11.85594	11.30233
389450	3733850	49.47%	8.425748	8.008948	8.425748	8.008948	8.464357	8.045571	8.954914	8.511861	8.69919	8.268775	8.69919	8.268775	11.461826	10.89509	11.46183	10.89509	11.54142	10.97068
389950	3733850	49.71%	7.955426	7.612768	7.955426	7.612768	7.989525	7.646464	8.452291	8.088945	8.2098	7.856139	8.2098	7.856139	10.831555	10.36443	10.83156	10.36443	10.90481	10.43504
380450	3734350	42.89%	19.153302	18.47509	19.1533	18.47509	19.49112	18.80208	20.52251	19.79654	19.76403	19.06418	19.76403	19.06418	25.92129	25.00251	25.92129	25.00251	26.22344	25.29457
380950	3734350	42.04%	23.518485	22.84605	23.51849	22.84605	23.97105	23.28582	25.23096	24.50967	24.28682	23.59255	24.28682	23.59255	31.766367	30.85738	31.76637	30.85738	32.15951	31.23943
381450	3734350	56.93%	29.094059	27.64372	29.09406	27.64372	29.69887	28.21458	31.24826	29.68781	30.06139	28.56262	30.06139	28.56262	39.233129	37.28031	39.23313	37.28031	39.74499	37.76468
382950	3734350	65.18%	13.926087	13.32362	13.92609	13.32362	14.11335	13.49972	14.88506	14.23876	14.37996	13.75705	14.37996	13.75705	18.86263	18.05027	18.86263	18.05027	19.05546	18.23308
383450	3734350	70.72%	12.206786	11.85583	12.20679	11.85583	12.34475	11.98943	13.02921	12.65446	12.60338	12.24144	12.60338	12.24144	16.552971	16.07642	16.55297	16.07642	16.70878	16.22764
383950	3734350	66.74%	11.057455	10.71773	11.05746	10.71773	11.1637	10.82299	11.7898	11.42912	11.41692	11.06613	11.41692	11.06613	15.005675	14.54328	15.00568	14.54328	15.13765	14.67231
384950	3734350	65.81%	9.962299	9.771561	9.962299	9.771561	10.03554	9.845442	10.60681	10.4053	10.28604	10.08968	10.28604	10.08968	13.533838	13.27222	13.53384	13.27222	13.64163	13.37906
386450	3734350	61.28%	9.154761	8.846733	9.154761	8.846733	9.205051	8.895388	9.735552	9.408124	9.452434	9.134731	9.452434	9.134731	12.447041	12.02748	12.44704	12.02748	12.53775	12.11523
387950	3734350	55.52%	8.804638	8.477679	8.804638	8.477679	8.846019	8.524995	9.359024	9.01822	9.092702	8.759769	9.092702	8.759769	11.971604	11.52257	11.9716	11.52257	12.05574	11.61055
389950	3734350	53.01%	7.823904	7.419914	7.823904	7.419914	7.855118	7.450672	8.311172	7.882476	8.074704	7.656666	8.074704	7.656666	10.65262	10.10416	10.65262	10.10416	10.72364	10.17187
380450	3734850	50.21%	20.148173	19.45832	20.14817	19.45832	20.51629	19.81432	21.59847	20.85945	20.795	20.08338	20.795	20.08338	27.25037	26.31621	27.25037	26.31621	27.57539	26.63032
380950	3734850	41.96%	24.612534	23.51568	24.61253	23.51568	25.09697	23.97787	26.41274	25.23494	25.41866	24.28511	25.41866	24.28511	33.232645	31.75372	33.23265	31.75372	33.64987	32.15185
381450	3734850	54.39%	27.912178	27.07852	27.91218	27.07852	28.48904	27.63809	29.97638	29.08091	28.83962	27.97797	28.83962	27.97797	37.642859	36.5192	37.64286	36.5192	38.13217	36.99375
383450	3734850	71.71%	11.825766	11.60419	11.82577	11.60419	11.95769	11.7356	12.62041	12.3853	12.20694	11.97834	12.20694	11.97834	16.043822	15.74176	16.04382	15.74176	16.1934	15.88944
383950	3734850	68.62%	10.746666	10.36167	10.74667	10.36167	10.85375	10.46635	11.46013	11.05031	11.0931	10.69491	11.0931	10.69491	14.587728	14.0659	14.58773	14.0659	14.71731	14.1914
387450	3734850	59.71%	8.515066	8.192284	8.515066	8.192284	8.554409	8.2302	9.050052	8.707189	8.791323	8.458627	8.791323	8.458627	11.583269	11.14297	11.58327	11.14297	11.66384	11.22063
388450	3734850	58.12%	8.141813	7.889122	8.141813	7.889122	8.176133	7.928775	8.650746	8.388387	8.404797	8.148983	8.404797	8.148983	11.080066	10.73709	11.08007	10.73709	11.15525	10.81152
388950	3734850	57.47%	7.976107	7.51516	7.976107	7.51516	8.008531	7.548025	8.474102	7.985017	8.234524	7.755603	8.234524	7.755603	10.853679	10.23139	10.85368	10.23139	10.92689	10.30094
389450	3734850	57.35%	7.655523	7.328322	7.655523	7.328322	7.685368	7.357587	8.131836	7.78475	7.90091	7.563217	7.90091	7.563217	10.423809	9.977833	10.42381	9.977833	10.49296	10.04437
380450	3735350	48.26%	20.131258	19.82853	20.13126	19.82853	20.50247	20.19832	21.5829	21.26182	20.77833	20.468	20.77833	20.468	27.224005	26.80743	27.22401	26.80743	27.55044	27.13148
380950	3735350	54.36%	23.595834	23.10869	23.59583	23.10869	24.06178	23.56648	25.32299	24.80131	24.36961	23.86708	24.36961	23.86708	31.856987	31.19704	31.85699	31.19704	32.25789	31.59061
381450	3735350	58.82%	25.3553	24.76517	25.3553	24.76517	25.87091	25.26952	27.2235	26.59056	26.19392	25.58472	26.19392	25.58472	34.2081	33.41039	34.2081	33.41039	34.6476	33.84012
381950	3735350	64.34%	25.300424	24.60594	25.30042	24.60594	25.8118	25.10373	27.16372	26.41849	26.14119	25.42405	26.14119	25.42405	34.127396	33.18972	34.1274	33.18972	34.56532	33.61583
382950	3735350	67.28%	14.271902	13.43746	14.2719	13.43746	14.4831	13.63322	15.26709	14.37201	14.70233	13.8724	14.70233	13.8724	19.281436	18.12383	19.28144	18.12383	19.48752	18.37815
383950	3735350	74.59%	10.985575	10.50012	10.98558	10.50012	11.10487	10.61335	11.72111	11.2026	11.33824	10.83719	11.33824	10.83719	14.908993	14.25068	14.90899	14.25068	15.04602	14.38126
384450	3735350	72.11%	10.170511	9.897463	10.17051	9.897463	10.26518	9.991829	10.8406	10.55134	10.49646	10.2155	10.49646	10.2155	13.813897	13.43982	13.8139	13.43982	13.93287	13.55687
384950	3735350	69.13%	9.494057	9.293223	9.494057	9.293223	9.571035	9.371103	10.11152	9.899856	9.797221	9.59167	9.797221	9.59167	12.904572	12.62642	12.90457	12.62642	13.00979	12.73099
387950	3735350	61.18%	7.954813	7.601873	7.954813	7.601873	7.987691	7.633874	8.451378	8.076651	8.21099	7.846217	8.21099	7.846217	10.827612	10.34783	10.82761	10.34783	10.90061	10.41777
388450	3735350	59.63%	7.796824	7.466801	7.796824	7.466801	7.826253	7.498431	8.281488	7.933158	8.047441	7.706404	8.047441	7.706404	10.615323	10.1647	10.61532	10.1647	10.68539	10.23343
388950	3735350	60.09%	7.6952	7.345574	7.6952	7.345574	7.72406	7.376003	8.173485	7.803785	7.942787	7.580929	7.942787	7.580929	10.476542	10.0009	10.47654	10.0009	10.54566	10.0681
389450	3735350	58.87%	7.326497	7.086239	7.326497	7.086239	7.3538	7.114769	7.780996	7.527304	7.559743	7.311927	7.559743	7.311927	9.979983	9.65118	9.979983	9.65118	10.04521	9.715342
380450	3735850	56.14%	19.648781	18.89484	19.64878	18.89484	20.01995	19.25053	21.07265	20.26336	20.28351	19.50557	20.28351	19.50557	26.559145	25.53972	26.55915	25.53972	26.88279	25.85049
380950	3735850	60.07%	21.606406	21.15182	21.60641	21.15182	22.02864	21.56788	23.18412	22.6984	22.23003	21.84384	22.23003	21.84384	29.010797	28.37975	29.0108	28.37975	29.37267	28.73517
381450	3735850	63.43%	23.440628	22.91039	23.44063	22.91039	23.91135	23.37255	25.16291	24.59565	24.2133	23.66723	24.2133	23.66723	31.634194	30.91388	31.63419	30.91388	32.03713	31.30906
382450	3735850	65.11%	20.823184	19.51836	20.82318	19.51836	21.22048	19.88555	22.33952	20.93587	21.51128	20.16256	21.51128	20.16256	28.111182	26.35485	28.11118	26.35485	28.45917	26.67829
382950	3735850	69.71%	16.243997	15.42424	16.244	15.42424	16.51431	15.67934	17.5018	16.68095	16.77489	15.9274	16.77489	15.9274	21.966519	20.66314	21.96652	20.66314	22.21734	21.09817
383450	3735850	69.54%	12.754714	12.18238	12.75471	12.18238	12.93032	12.34863	13.63445	13.02151	13.16607	12.54794	13.16607	12.54794	17.282705	16.3199	17.28271	16.3199	17.4605	16.4859
383950	3735850	67.61%	11.129192	10.48384	11.12919	10.48384	11.25907	10.60276	11.88028	11.18878	11.48585	10.808	11.48585	10.808	15.099599	13.98039	15.0996	13.98039	15.24277	14.10954
384450	3735850	70.13%	10.136687	9.743185	10.13669	9.743185	10.218	9.828284	10.80923	10.38956	10.43984	10.02192	10.43984	10.02192	13.738952	13.18896	13.73895	13.18896	13.86056	13.30555
384950	3735850	69.17%	9.439244	9.161952	9.439244	9.161952	9.521292	9.242253	10.05643	9.761805	9.739187	9.454246	9.739187	9.454246	12.829749	12.44995	12.82975	12.44995	12.9368	12.55441
385450	3735850	63.23%	8.933934	8.668085	8.933934	8.668085	9.001706	8.734274	9.511648	9.229229	9.218706	8.945494	9.218706	8.945494	12.14727	11.76924	12.14727	11.7481	12.24388	11.87733

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
385950	3735850	58.67%	8.64483	8.321882	8.64483	8.321882	8.703494	8.377898	9.199611	8.855602	8.921895	8.588497	8.921895	8.588497	11.755317	11.31667	11.75532	11.31667	11.84569	11.40343
386450	3735850	59.39%	8.227731	7.934327	8.227731	7.934327	8.276361	7.981719	8.750808	8.439216	8.491254	8.188902	8.491254	8.188902	11.193013	10.79262	11.19301	10.79262	11.27544	10.87243
386950	3735850	60.54%	8.131344	7.859734	8.131344	7.859734	8.172375	7.900371	8.643214	8.355219	8.390735	8.110646	8.390735	8.110646	11.068496	10.69777	11.0685	10.69777	11.14629	10.77349
388450	3735850	55.20%	7.43115	7.11374	7.43115	7.11374	7.459363	7.141714	7.892666	7.556144	7.668279	7.340583	7.668279	7.340583	10.121014	9.688464	10.12101	9.688464	10.18756	9.752597
388950	3735850	56.70%	7.211887	6.984407	7.211887	6.984407	7.237492	7.0115	7.658174	7.418466	7.44072	7.206937	7.44072	7.206937	9.826259	9.512967	9.826259	9.512967	9.889699	9.575723
380450	3736350	56.18%	19.125284	18.51883	19.12528	18.51883	19.48243	18.86639	20.50801	19.85933	19.74207	19.11748	19.74207	19.11748	25.855957	25.03214	25.85596	25.03214	26.16882	25.33621
380950	3736350	53.84%	20.741548	20.08931	20.74155	20.08931	21.13489	20.47253	22.24663	21.5492	21.41476	20.74351	21.41476	20.74351	28.028287	26.6493	28.02829	26.6493	28.3715	26.97551
381450	3736350	70.54%	21.79217	21.2839	21.79217	21.2839	22.21992	21.7035	23.38585	22.84197	22.50783	21.98404	22.50783	21.98404	29.421148	28.73137	29.42115	28.73137	29.79038	29.0931
382450	3736350	66.15%	19.261847	18.64011	19.26185	18.64011	19.62009	18.9864	20.65696	19.99019	19.89459	19.25313	19.89459	19.25313	26.017199	25.17626	26.0172	25.17626	26.33371	25.48252
382950	3736350	67.60%	16.191123	15.15671	16.19112	15.15671	16.46584	15.40835	17.3448	16.23282	16.719	15.6504	16.719	15.6504	21.894428	20.50038	21.89443	20.50038	22.1468	20.7337
383950	3736350	61.33%	11.365771	10.70274	11.36577	10.70274	11.50855	10.83364	12.1396	11.42871	11.72965	11.04441	11.72965	11.04441	15.414956	14.52006	15.41496	14.52006	15.56609	14.66042
384450	3736350	65.10%	10.123837	9.377926	10.12384	9.377926	10.23157	9.47181	10.79939	9.99932	10.44627	9.675392	10.44627	9.675392	13.746313	12.73979	13.74631	12.73979	13.87102	12.85215
384950	3736350	72.58%	9.180445	8.92061	9.180445	8.92061	9.26456	9.002529	9.783285	9.506773	9.471041	9.203818	9.471041	9.203818	12.477697	12.12263	12.4777	12.12263	12.58372	12.22591
385450	3736350	68.03%	8.692935	8.515032	8.692935	8.515032	8.762773	8.584579	9.257145	9.068898	8.968181	8.786114	8.968181	8.786114	11.821045	11.57527	11.82105	11.57527	11.91662	11.66973
385950	3736350	63.40%	8.302674	8.018857	8.302674	8.018857	8.360394	8.074502	8.835797	8.533687	8.566667	8.273843	8.566667	8.273843	11.293619	10.90758	11.29362	10.90758	11.3807	10.99164
386450	3736350	61.28%	8.199509	7.893305	8.199509	7.893305	8.249754	7.942033	8.721746	8.396041	8.461303	8.144545	8.461303	8.144545	11.155226	10.74007	11.15523	10.74007	11.2381	10.81986
386950	3736350	57.76%	7.894852	7.636689	7.894852	7.636689	7.936852	7.678223	8.393128	8.119203	8.146176	7.87952	8.146176	7.87952	10.746364	10.39492	10.74636	10.39492	10.82287	10.46931
387450	3736350	57.20%	7.721833	7.451078	7.721833	7.451078	7.758647	7.486541	8.206517	7.918688	7.96839	7.68882	7.96839	7.68882	10.511957	10.14373	10.51196	10.14373	10.58481	10.21397
387950	3736350	58.42%	7.530887	7.256612	7.530887	7.256612	7.562643	7.287328	8.00069	7.709237	7.771073	7.487536	7.771073	7.487536	10.255152	9.882694	10.25515	9.882694	10.3241	9.949101
388450	3736350	55.93%	7.2064	6.944405	7.2064	6.944405	7.233094	6.970831	7.653202	7.375083	7.435383	7.163883	7.435383	7.163883	9.817388	9.462548	9.817388	9.462548	9.881403	9.524343
388950	3736350	54.22%	7.054673	6.756514	7.054673	6.756514	7.079042	6.780993	7.490615	7.174504	7.278016	6.969409	7.278016	6.969409	9.61356	9.208669	9.61356	9.208669	9.675186	9.268063
380450	3736850	55.16%	18.124494	17.53986	18.12449	17.53986	18.45393	17.86191	19.4274	18.8036	18.70465	18.10317	18.70465	18.10317	24.518019	23.72127	24.51802	23.72127	24.80919	24.00501
380950	3736850	57.73%	19.099849	18.4293	19.09985	18.4293	19.4531	18.7724	20.47874	19.76186	19.71685	19.02657	19.71685	19.02657	25.821973	24.90991	25.82197	24.90991	26.13287	25.21139
381450	3736850	72.05%	19.729977	19.11913	19.72998	19.11913	20.10755	19.48486	21.16505	20.50974	20.37415	19.74371	20.37415	19.74371	26.65119	25.82552	26.65119	25.82552	26.97993	26.14407
382450	3736850	68.07%	17.897833	17.16528	17.89783	17.16528	18.22435	17.47673	19.18901	18.4024	18.48287	17.72622	18.48287	17.72622	24.185158	23.19624	24.18516	23.19624	24.47556	23.47398
382950	3736850	72.26%	15.323124	14.25431	15.32312	14.25431	15.58008	14.48726	16.4122	15.26288	15.8203	14.71565	15.8203	14.71565	20.727589	19.28828	20.72759	19.28828	20.96444	19.50532
383450	3736850	66.82%	13.298694	12.30424	13.29869	12.30424	13.49944	12.48326	14.22797	13.15898	13.72757	12.69962	13.72757	12.69962	18.008858	16.66937	18.00886	16.66937	18.20296	16.84525
383950	3736850	66.15%	11.544107	11.05677	11.54411	11.05677	11.70003	11.20337	12.33742	11.81461	11.91355	11.41018	11.91355	11.41018	15.650351	14.99231	15.65035	14.99231	15.80924	15.143
384450	3736850	59.65%	10.193106	9.630448	10.19311	9.630448	10.30999	9.737268	10.87891	10.27555	10.51748	9.935641	10.51748	9.935641	13.835682	13.0769	13.83568	13.0769	13.96532	13.19736
384950	3736850	64.81%	9.130337	8.702327	9.130337	8.702327	9.219113	8.783493	9.733106	9.274397	9.418496	8.976659	9.418496	8.976659	12.408173	11.82935	12.40817	11.82935	12.51598	11.93034
385950	3736850	68.74%	8.085042	7.898055	8.085042	7.898055	8.143361	7.955987	8.605054	8.406769	8.340266	8.147652	8.340266	8.147652	11.000188	10.7446	11.00019	10.7446	11.08565	10.82863
386450	3736850	67.15%	7.782803	7.576863	7.782803	7.576863	7.832424	7.625877	8.279205	8.060357	8.02934	7.816044	8.02934	7.816044	10.59124	10.31229	10.59124	10.31229	10.67047	10.38961
387450	3736850	69.94%	7.537078	7.230585	7.537078	7.230585	7.574568	7.266605	8.010741	7.684595	7.77615	7.458515	7.77615	7.458515	10.262812	9.848427	10.26281	9.848427	10.33439	9.916841
387950	3736850	64.33%	7.333141	7.109709	7.333141	7.109709	7.364884	7.141048	7.790778	7.553705	7.565731	7.334987	7.565731	7.334987	9.988099	9.683921	9.988099	9.683921	10.0554	9.749413
388450	3736850	58.19%	6.960413	6.748242	6.960413	6.748242	6.987553	6.775042	7.392623	7.167276	7.180753	6.960766	7.180753	6.960766	9.483191	9.19614	9.483191	9.19614	9.545518	9.256604
388950	3736850	56.64%	6.749398	6.530213	6.749398	6.530213	6.772803	6.554443	7.166226	6.93438	6.962033	6.735287	6.962033	6.735287	9.19969	8.901347	9.19969	8.901347	9.258489	8.958897
389450	3736850	55.67%	6.580922	6.401765	6.580922	6.401765	6.602387	6.424387	6.986035	6.797267	6.78697	6.603003	6.78697	6.603003	8.973665	8.726565	8.973665	8.726565	9.030077	8.782456
380450	3737350	57.87%	16.585029	16.17214	16.58503	16.17214	16.87672	16.46101	17.76956	17.3311	17.11213	16.68896	17.11213	16.68896	22.449867	21.77258	22.44987	21.77258	22.71076	22.02794
380950	3737350	63.61%	17.826167	17.2073	17.82617	17.2073	18.14942	17.52104	19.10809	18.44649	18.39983	17.76281	18.39983	17.76281	24.108527	23.26691	24.10853	23.26691	24.39507	23.54471
381450	3737350	70.61%	17.905754	17.23866	17.90575	17.23866	18.23983	17.55981	19.2013	18.48566	18.4869	17.79826	18.4869	17.79826	24.199977	23.2983	24.19998	23.2983	24.49343	23.58059
381950	3737350	78.92%	17.545129	16.81896	17.54513	16.81896	17.86795	17.12661	18.81186	18.03209	18.11571	17.36617	18.11571	17.36617	23.712644	22.73179	23.71264	22.73179	23.99824	23.00467
382450	3737350	68.61%	16.398975	15.77083	16.39898	15.77083	16.68921	16.04959	17.57514	16.90147	16.93205	16.28298	16.93205	16.28298	22.171458	21.32362	22.17146	21.32362	22.43256	21.57444
382950	3737350	70.62%	14.434183	13.68562	14.43418	13.68562	14.67231	13.90732	15.45662	14.65204	14.90017	14.12674	14.90017	14.12674	19.532552	18.52397	19.53255	18.52397	19.75331	18.73105
383450	3737350	65.58%	12.71077	12.14995	12.71077	12.14995	12.90047	12.32968	13.59694	12.99549	13.11911	12.53874	13.11911	12.53874	17.217393	16.46196	17.21739	16.46196	17.40144	16.63688
383950	3737350	73.34%	11.333488	10.54213	11.33349	10.54213	11.48747	10.67796	12.11258	11.26139	11.69502	10.87708	11.69502	10.87708	15.366657	14.30119	15.36666	14.30119	15.52284	14.44255
384450	3737350	59.78%	10.26522	9.740409	10.26522	9.740409	10.39032	9.85605	10.96084	10.39798	10.59173	10.0489	10.59173	10.0489	13.929251	13.22187	13.92925	13.22187	14.06343	13.34741
384950	3737350	63.58%	9.188943	8.788951	9.188943	8.788951	9.285155	8.878109	9.800155	9.371611	9.478692	9.06608	9.478692	9.06608	12.484055	11.94246	12.48406	11.94246	12.59589	12.04802
385450	3737350	58.48%	8.38318	8.087616	8.38318	8.087616	8.455986	8.156981	8.930334	8.61498	8.646527	8.341979	8.646527	8.341979	11.400857	10.9988	11.40086	10.9988	11.49531	11.08956
385950	3737350	64.96%	8.031241	7.71295	8.031241	7.71295	8.093547	7.771156	8.550466	8.210639	8.283803	7.955983	8.283803	7.955983	10.926289	10.4933	10.92629	10.4933	11.01317	10.57601
386950	3737350	66.60%	7.514244	7.290025	7.514244	7.290025	7.559455	7.334604	7.991668	7.753369	7.752184	7.519827	7.752184	7.519827	10.227662	9.92423	10.22766	9.92423	10.30282	9.997287
387950	3737350	64.20%	7.129635	6.915016	7.129635	6.915016	7.162322	6.94749	7.575556	7.34796	7.354975	7.133284	7.354975	7.133284	9.711466	9.419294	9.711466	9.419294	9.777647	9.483795
388450	3737350	64.51%	6.79215	6.647153	6.79215	6.647153	6.819351	6.675058	7.213948	7.060861	7.005643	6.85627	7.005643	6.85627	9.256751	9.057952	9.256751	9.057952	9.317641	9.118187
388950	3737350	60.35%	6.820907	6.588683	6.820907	6.588683	6.84524	6.612828	7.242483	6.996052	7.035409	6.794896	7.035409	6.794896	9.297592	8.982718	9.297592	8.982718	9.35728	9.040494
389450	3737350	58.02%	6.682294	6.42032	6.682294	6.42032	6.702713	6.441806	7.092783	6.815551	6.891753	6.62018	6.891753	6.62018	9.112245	8.756765	9.112245	8.756765	9.168901	8.811843
380450	3737850	60.72%	15.674867	15.0149	15.67487	15.0149	15.9463	15.2774	16.7908	16.08633	16.17101	15.49252	16.17101	15.49252	21.224778	20.32433	21.22478	20.32433	21.46884	20.55987
380950	3737850	67.08%	16.493702	16.17218	16.4937	16.17218	16.78645	16.46285	17.67493	17.33343	17.02263	16.69262	17.02263	16.69262	22.31419	21.87333	22.31419	21.87333	22.57593	22.13201
381450	3737850	66.21%	17.041895	16.03992	17.0419	16.03992	17.35255	16.32815	18.2692	17.19207	17.59257	16.55754	17.59257	16.55754	23.042211	21.6912	23.04221	21.6912	23.31743	21.94807
381950	3737850	76.97%	16.189931	15.39262	16.18993	15.39262	16.47872	15.6643	17.35162	16.49515	16.71323	15.89	16.71323	15.89	21.893592	20.81753	21.89359	20.81753	22.15191	21.06177
382450	3737850	69.99%	15.116154	14.49401	15.11615	14.49401	15.37588	14.74207	16.19381	15.52668	15.60385	14.96159	15.60385	14.96159	20.442181	19.60569	20.44218	19.60569	20.67853	19.83179
382950	3737850	70.44%	13.63065	13.00854	13.63065	13.00854	13.8512	13.21611	14.59259	13.92449	14.06871	13.42605	14.06871	13.42605	18.452178	17.61308	18.45218	17.61308	18.65802	17.80801
383450	3737850	68.59%	12.049254	11.3435	12.04925	11.3435	12.22583	11.50672	12.88651	12.12897	12.43439	11.70379	12.43439	11.70379	16.327523	15.3779	16.32752	15.3779	16.49996	15.53833
383950	3737850	60.00%	10.998086	10.56661	10.99809	10.56661	11.14741	10.70729	11.75368	11.29062	11.34769	10.90237	11.34769	10.90237	14.914621	14.33154	14.91462	14.33154	15.06585	14.47547
384450	3737850	68.30%	9.846203	9.251244	9.846203	9.251244	9.965309	9.358843	10.51235	9.873878	10.15784	9.542941	10.15784	9.542941	13.36453	12.56201	13.36453	12.56201	13.49249	12.67989
384950	3737850	61.80%	9.227075	8.770195	9.227075	8.770195	9.329418	8.863828	9.844678	9.354705	9.517881	9.046517	9.517881	9.046517	12.532567	11.91452	12.53257	11.91452	12.64768	12.0221
385450	3737850	56.64%	8.51369	8.161172	8.51369	8.161172	8.594835	8.237135	9.074301	8.697332	8.781297	8.417678	8.781297	8.417678	11.573518	11.09547	11.57352	11.09547	11.67302	11.18995
385950	3737850	55.22%	7.836027	7.61399	7.836027	7.61399	7.897918	7.674296	8.343009	8.106983	8.08128	7.853159	8.08128	7.853159	10.662504	10.35844	10.6625	10.35844	10.74758	10.44136
386450	3737850	61.82%	7.525459	7.303547	7.525459	7.303547	7.577973	7.354854	8.007763	7.771973	7.761341	7.532819	7.761341	7.532819	10.243513	9.940469	10.24351	9.940469	10.32186	10.01677
386950	3737850	67.28%	7.308855	7.068177	7.308855	7.068177	7.354998	7.112037	7.774129	7.517523	7.5384	7.289926	7.5384	7.289926	9.950722	9.624075	9.950722	9.624075	10.02453	9.695008
387450	3737850	64.98%	6.996741	6.819579	6.996741	6.819579	7.035087	6.857669	7.438046	7.250108	7.216027	7.03302	7.216027	7.03302	9.53048	9.289314	9.53048	9.289314	9.598159	9.355576
387950	3737850	64.75%	6.947669	6.697304	6.947669	6.697304	6.981559	6.731127	7.394407	7.12762	7.166337	6.906833	7.166337	6.906833	9.464271	9.125209	9.464271	9.125209	9.529597	9.18849
388450	3737850	62.19%	6.646633	6.484177	6.646633	6.484177	6.675292	6.513419	7.060438	6.88875	6.854389	6.686938	6.854389	6.686938	9.059279	8.834937	9.059279	8.834937	9.119647	8.894429
388950	3737850	64.87%	6.722594	6.484462	6.722594	6.484462	6.747584	6.509769	7.138662	6.886146	6.933599	6.686465	6.933599	6.686465	9.163791	8.841688	9.163791	8.841688	9.223032	8.89912
389450	3737850	62.76%	6.595936	6.37204	6.595936	6.37204	6.617123	6.393494	7.001698	6.764365	6.802309	6.570293	6.802309	6.570293	8.994598	8.691047	8.994598	8.691047	9.050959	8.745763
380450	3738350	72.53%	14.901849	14.53796	14.90185	14.53796	15.1601	14.79176	15.96334	15.57519	15.37504	15.00082	15.37504	15.00082	20.174826	19.67818	20.17483	19.67818	20.40725	19.90605
380950	3738350	72.92%	15.317188	14.70074	15.31719	14.70074	15.58724	14.95908	16.41257	15.75143	15.80718	15.17094	15.80718	15.17094	20.726536	19.89306	20.72654	19.89306	20.96838	20.12473
381450	3738350	66.06%	15.7703	14.87569	15.7703	14.87569	16.04763	15.13522	16.89829	15.93828	16.2773	15.35354	16.2773	15.35354	21.334718	20.1265	21.33472	20.1265	21.58385	20.3604
381950	3738350	73.33%	14.961533	14.12486	14.96153	14.12486	15.22059	14.36521	16.0288	15.12954	15.44197	14.57819	15.44197	14.57819	20.244079	19.11528	20.24408	19.11528	20.47838	19.33441
382450	3738350	69.14%	14.077305	13.45764	14.07731	13.45764	14.31241	13.68026	15.0755	14.41043	14.52887	13.88917	14.52887	13.88917	19.054327	18.21718	19.05433	18.21718	19.27035	18.42266
382950	3738350	74.16%	12.907536	12.15674	12.90754	12.15674	13.11153	12.3447	13.81463	13.00781	13.32046	12.54423	13.32046	12.54423	17.480388	16.46933	17.48039	16.46933	17.6726	16.64797
383450	3738350	72.34%	11.398359	10.98835	11.39836	10.98835	11.56204	11.14565	12.18739	11.74832	11.76037	11.33616	11.76037	11.33616	15.452536	14.89955	15.45254	14.89955	15.6136	15.05435
383950	3738350	62.94%	10.571471	10.18684	10.57147	10.18684	10.71287	10.32094	11.29581	10.88327	10.90587	10.50879	10.90587	10.50879	14.340936	13.82103	14.34094	13.82103	14.4849	13.9587
384450	3738350	70.43%	9.913713	9.24545	9.913713	9.24545	10.03647	9.35446	10.58622	9.868343	10.22707	9.535792	10.22707	9.535792	13.455266	12.55574	13.45527	12.55574	13.58543	12.67405
384950	3738350	61.77%	9.000391	8.597075	9.000391	8.597075	9.099696	8.688423	9.601984	9.16922	9.282524	8.866196	9.282524	8.866196	12.228268	11.68332	12.22827	11.68332	12.33999	11.78823
385450	3738350	57.27%	8.772891	8.193713	8.772891	8.193713	8.86039	8.270857	9.353265	8.73215	9.048831	8.449783	9.048831	8.449783	11.922996	11.14226	11.923	11.14226	12.02751	11.23726
385950	3738350	58.46%	7.99302	7.68658	7.99302	7.68658	8.062431	7.751142	8.514381	8.186525	8.243045	7.927203	8.243045	7.927203	10.872478	10.45662	10.87248	10.45662	10.96233	10.54199
386450	3738350	56.89%	7.414475	7.191094	7.414475	7.191094	7.468421	7.2434	7.890821	7.653168	7.645731	7.415739	7.645731	7.415739	10.093505	9.788669	10.09351	9.788669	10.17157	9.864447
386950	3738350	58.28%	7.166563	6.87699	7.166563	6.87699	7.212736	6.920936	7.623084	7.314425	7.390608	7.090706	7.390608	7.090706	9.758638	9.36732	9.758638	9.36732	9.831257	9.436566

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
387450	3738350	65.43%	7.028095	6.748538	7.028095	6.748538	7.069109	6.786799	7.473032	7.17458	7.248275	6.958533	7.248275	6.958533	9.571803	9.194759	9.571803	9.194759	9.640996	9.260373
387950	3738350	65.54%	6.802468	6.527782	6.802468	6.527782	6.836897	6.560806	7.229415	6.936978	7.015106	6.730208	7.015106	6.730208	9.268814	8.897987	9.268814	8.897987	9.333105	8.959353
388450	3738350	62.09%	6.500013	6.337414	6.500013	6.337414	6.529134	6.366559	6.906477	6.743011	6.702414	6.535133	6.702414	6.535133	8.860739	8.637762	8.860739	8.637762	8.920147	8.696137
388950	3738350	62.20%	6.613464	6.465081	6.613464	6.465081	6.639357	6.4917	7.02326	6.866687	6.813651	6.662109	6.813651	6.662109	9.009038	8.806649	9.009038	8.806649	9.067593	8.86462
389450	3738350	63.93%	6.459357	6.272953	6.459357	6.272953	6.481477	6.295569	6.857296	6.660049	6.660297	6.467657	6.660297	6.467657	8.809969	8.555929	8.809969	8.555929	8.865614	8.610438
380450	3738850	76.08%	13.572949	13.19534	13.57295	13.19534	13.805	13.42047	14.53703	14.13233	13.98519	13.61168	13.98519	13.61168	18.360245	17.8692	18.36025	17.8692	18.56964	18.07292
380950	3738850	72.42%	14.17396	13.6626	14.17396	13.6626	14.41852	13.89746	15.18313	14.63471	14.62469	14.09679	14.62469	14.09679	19.188442	18.49729	19.18844	18.49729	19.40911	18.70948
381450	3738850	75.49%	14.0042	13.41042	14.0042	13.41042	14.24334	13.63701	14.99984	14.36229	14.45049	13.83782	14.45049	13.83782	18.958183	18.15595	18.95818	18.15595	19.1752	18.36256
381950	3738850	75.30%	13.681034	12.86287	13.68103	12.86287	13.90977	13.07496	14.6507	13.77201	14.11778	13.27194	14.11778	13.27194	18.522009	17.41949	18.52201	17.41949	18.73176	17.6149
382450	3738850	69.31%	13.13221	12.53941	13.13221	12.53941	13.34432	12.73998	14.05767	13.42175	13.55061	12.93889	13.55061	12.93889	17.785473	16.98393	17.78547	16.98393	17.98296	17.17147
382950	3738850	72.85%	12.206174	11.62677	12.20617	11.62677	12.3938	11.80273	13.05975	12.43766	12.59445	11.99578	12.59445	11.99578	16.538653	15.75702	16.53865	15.75702	16.71739	15.92574
383450	3738850	66.99%	11.144702	10.70549	11.1447	10.70549	11.30394	10.85704	11.91528	11.4444	11.49744	11.04322	11.49744	11.04322	15.111727	14.51935	15.11173	14.51935	15.26861	14.66923
383950	3738850	66.02%	10.244316	9.757198	10.24432	9.757198	10.37898	9.882347	10.94421	10.42142	10.56699	10.06365	10.56699	10.06365	13.901504	13.24433	13.9015	13.24433	14.03963	13.37418
384450	3738850	63.07%	9.642411	9.252283	9.642411	9.252283	9.760735	9.364102	10.29538	9.877314	9.945851	9.542324	9.945851	9.542324	13.090572	12.56437	13.09057	12.56437	13.21638	12.68402
384950	3738850	68.72%	8.97521	8.377384	8.97521	8.377384	9.07638	8.465475	9.576373	8.93387	9.255904	8.638242	9.255904	8.638242	12.194088	11.38827	12.19409	11.38827	12.30642	11.48977
385450	3738850	55.99%	8.321393	8.00832	8.321393	8.00832	8.403871	8.086825	8.871064	8.536532	8.58156	8.25806	8.58156	8.25806	11.313032	10.88933	11.31303	10.88933	11.41159	10.98362
385950	3738850	57.96%	8.009921	7.597601	8.009921	7.597601	8.082966	7.663104	8.534618	8.092687	8.260049	7.834709	8.260049	7.834709	10.894231	10.33612	10.89423	10.33612	10.98591	10.42118
386450	3738850	60.12%	7.640713	7.305038	7.640713	7.305038	7.701283	7.36157	8.135064	7.776718	7.879359	7.533115	7.879359	7.533115	10.397641	9.941918	10.39764	9.941918	10.48062	10.02055
386950	3738850	57.87%	7.101615	6.851463	7.101615	6.851463	7.149399	6.897964	7.555095	7.289177	7.322726	7.064574	7.322726	7.064574	9.670842	9.330411	9.670842	9.330411	9.743629	9.400789
387450	3738850	57.60%	6.825573	6.560409	6.825573	6.560409	6.865784	6.599135	7.257607	6.975325	7.038252	6.763582	7.038252	6.763582	9.298203	8.939537	9.298203	8.939537	9.365365	9.003885
387950	3738850	63.06%	6.626848	6.391377	6.626848	6.391377	6.662117	6.425378	7.043623	6.793003	6.832946	6.589096	6.832946	6.589096	9.03064	8.712004	9.03064	8.712004	9.093929	8.772824
388450	3738850	64.46%	6.408574	6.154059	6.408574	6.154059	6.439015	6.183367	6.809079	6.538426	6.607719	6.344339	6.607719	6.344339	8.73581	8.390887	8.73581	8.390887	8.795176	8.447743
388950	3738850	62.50%	6.315139	6.157381	6.315139	6.157381	6.341076	6.183942	6.706915	6.540199	6.510953	6.328917	6.510953	6.328917	8.611946	8.371313	8.611946	8.371313	8.668337	8.426514
389450	3738850	65.28%	6.373272	6.113007	6.373272	6.113007	6.396572	6.136281	6.766886	6.49078	6.560658	6.298396	6.560658	6.298396	8.677753	8.330644	8.677753	8.330644	8.73315	8.384062
380450	3739350	76.01%	12.859206	12.36614	12.85921	12.36614	13.07354	12.57079	13.76835	13.2393	13.18181	12.73954	13.18181	12.73954	17.316171	16.73675	17.31617	16.73675	17.51021	16.92382
380950	3739350	69.93%	13.206883	12.66864	13.20688	12.66864	13.42717	12.87903	14.14139	13.56422	13.6245	13.06855	13.6245	13.06855	17.889054	17.16185	17.88905	17.16185	18.09049	17.35445
381450	3739350	74.35%	12.889497	12.56154	12.8895	12.56154	13.10109	12.76816	13.7993	13.44858	13.29737	12.95948	13.29737	12.95948	17.460815	17.01509	17.46082	17.01509	17.65573	17.20538
381950	3739350	75.29%	12.67613	11.94845	12.67613	11.94845	12.88147	12.13912	13.56921	12.7879	13.07805	12.32602	13.07805	12.32602	17.171624	16.19034	17.17162	16.19034	17.36209	16.3683
382450	3739350	70.12%	12.156158	11.73328	12.15616	11.73328	12.34582	11.91623	13.00737	12.55491	12.54062	12.10463	12.54062	12.10463	16.473798	15.90028	16.4738	15.90028	16.65281	16.07299
382950	3739350	72.49%	11.501628	11.13604	11.50163	11.13604	11.67241	11.30112	12.30088	11.90997	11.86449	11.48823	11.86449	11.48823	15.58308	15.09644	15.58308	15.09644	15.7556	15.25647
383450	3739350	64.78%	10.757424	10.28176	10.75742	10.28176	10.90842	10.42421	11.49896	10.98895	11.09657	10.60493	11.09657	10.60493	14.591121	13.94916	14.59112	13.94916	14.74094	14.09135
383950	3739350	69.65%	9.863344	9.327389	9.863344	9.327389	9.990417	9.443869	10.53504	9.95977	10.17264	9.618874	10.17264	9.618874	13.389061	12.66597	13.38906	12.66597	13.52051	12.78825
384450	3739350	60.53%	9.325633	8.985638	9.325633	8.985638	9.437539	9.093008	9.95498	9.591504	9.617646	9.266259	9.617646	9.266259	12.665189	12.20531	12.66519	12.20531	12.78533	12.3207
384950	3739350	61.91%	8.782957	8.445319	8.782957	8.445319	8.880979	8.537317	9.37022	9.008437	9.056455	8.708187	9.056455	8.708187	11.936018	11.47886	11.93602	11.47886	12.04524	11.58274
385450	3739350	61.99%	8.329139	7.700457	8.329139	7.700457	8.41296	7.772113	8.880056	8.205217	8.589138	7.938845	8.589138	7.938845	11.323677	10.47682	11.32368	10.47682	11.42287	10.56526
385950	3739350	58.16%	7.785106	7.560326	7.785106	7.560326	7.855526	7.628096	8.294367	8.054592	8.027159	7.795793	8.027159	7.795793	10.591041	10.2848	10.59104	10.2848	10.67967	10.37062
386450	3739350	57.22%	7.555916	7.149612	7.555916	7.149612	7.619088	7.206216	8.046797	7.611789	7.791242	7.371784	7.791242	7.371784	10.281637	9.731793	10.28164	9.731793	10.36517	9.809186
386950	3739350	61.43%	7.121986	6.805088	7.121986	6.805088	7.174142	6.853488	7.579437	7.241229	7.343057	7.016346	7.343057	7.016346	9.69735	9.266719	9.69735	9.266719	9.772296	9.337635
387450	3739350	58.71%	6.783035	6.535133	6.783035	6.535133	6.82557	6.576215	7.213857	6.950068	6.993529	6.737277	6.993529	6.737277	9.240444	8.904074	9.240444	8.904074	9.308307	8.969362
387950	3739350	57.64%	6.482818	6.313403	6.482818	6.313403	6.517846	6.348063	6.890635	6.710759	6.683605	6.508372	6.683605	6.508372	8.835827	8.605782	8.835827	8.605782	8.897827	8.666327
388450	3739350	60.01%	6.30017	6.039625	6.30017	6.039625	6.331783	6.06966	6.694819	6.417425	6.495203	6.225498	6.495203	6.225498	8.58858	8.235927	8.58858	8.235927	8.647606	8.292169
388950	3739350	63.92%	6.21107	5.997782	6.21107	5.997782	6.238648	6.024386	6.597592	6.370871	6.402957	6.18265	6.402957	6.18265	8.47018	8.180273	8.47018	8.180273	8.52655	8.234597
389450	3739350	62.66%	6.057152	5.866079	6.057152	5.866079	6.080943	5.889546	6.431853	6.229145	6.243867	6.046543	6.243867	6.046543	8.263127	8.002963	8.263127	8.002963	8.316462	8.054756
380450	3739850	74.79%	12.142472	11.62853	12.14247	11.62853	12.33987	11.81555	12.99683	12.44516	12.52219	11.88256	12.52219	11.88256	16.459365	15.62365	16.45937	15.62365	16.64117	15.79448
380950	3739850	73.94%	11.973879	11.59357	11.97388	11.59357	12.16677	11.78015	12.81558	12.40837	12.34945	11.95725	12.34945	11.95725	16.229648	15.71421	16.22965	15.71421	16.40827	15.88708
381450	3739850	74.33%	11.975198	11.58824	11.9752	11.58824	12.16641	11.77279	12.81595	12.40165	12.35146	11.95272	12.35146	11.95272	16.231112	15.70612	16.23111	15.70612	16.4091	15.87819
381950	3739850	74.59%	11.860356	11.27831	11.86036	11.27831	12.0471	11.45317	12.69142	12.06675	12.23356	11.6331	12.23356	11.6331	16.075971	15.28896	16.07597	15.28896	16.25099	15.45405
382450	3739850	69.77%	11.351073	10.90366	11.35107	10.90366	11.52319	11.06784	12.14189	11.66261	11.70789	11.24668	11.70789	11.24668	15.390559	14.78408	15.39056	14.78408	15.55474	14.94127
382950	3739850	73.32%	10.835575	10.5166	10.83558	10.5166	10.99207	10.66974	11.58507	11.24492	11.17582	10.84692	11.17582	10.84692	14.697256	14.26363	14.69726	14.26363	14.85005	14.41261
383450	3739850	67.23%	10.357134	9.788136	10.35713	9.788136	10.50058	9.920533	11.06937	10.45874	10.68234	10.09432	10.68234	10.09432	14.05213	13.2846	14.05213	13.2846	14.19521	13.41801
383950	3739850	68.85%	9.494036	9.105075	9.494036	9.105075	9.614799	9.218944	10.13917	9.722198	9.790605	9.38864	9.790605	9.38864	12.891127	12.36604	12.89113	12.36604	13.01666	12.4853
384450	3739850	65.18%	9.104047	8.602677	9.104047	8.602677	9.212135	8.701872	9.717333	9.179719	9.388057	8.869518	9.388057	8.869518	12.367206	11.69125	12.36721	11.69125	12.48372	11.79959
384950	3739850	65.61%	8.644937	8.333113	8.644937	8.333113	8.741947	8.4246	9.223088	8.888979	8.91334	8.591657	8.91334	8.591657	11.749818	11.32765	11.74982	11.32765	11.85742	11.43034
385450	3739850	64.49%	8.32959	7.759792	8.32959	7.759792	8.415407	7.834422	8.88178	8.270031	8.589246	7.999801	8.589246	7.999801	11.323782	10.55654	11.32378	10.55654	11.42389	10.6468
385950	3739850	54.54%	7.703325	7.30381	7.703325	7.30381	7.773839	7.366561	8.207614	7.778972	7.942233	7.529712	7.942233	7.529712	10.480549	9.940876	10.48055	9.940876	10.56853	10.02214
386450	3739850	60.22%	7.381223	7.1465	7.381223	7.1465	7.443394	7.20581	7.860729	7.610135	7.610023	7.367912	7.610023	7.367912	10.045947	9.727291	10.04595	9.727291	10.12755	9.805859
386950	3739850	57.94%	7.111959	6.749957	7.111959	6.749957	7.167241	6.799573	7.570809	7.183379	7.332282	6.958642	7.332282	6.958642	9.682626	9.192487	9.682626	9.192487	9.758972	9.263452
387450	3739850	61.75%	6.784975	6.483206	6.784975	6.483206	6.831037	6.525397	7.218093	6.895682	6.994864	6.683269	6.994864	6.683269	9.242282	8.833426	9.242282	8.833426	9.311757	8.898819
387950	3739850	59.57%	6.451445	6.203909	6.451445	6.203909	6.489425	6.239988	6.859199	6.595232	6.650579	6.393847	6.650579	6.393847	8.792564	8.458752	8.792564	8.458752	8.855663	8.51892
388450	3739850	56.43%	6.178876	5.958285	6.178876	5.958285	6.21049	5.989372	6.566086	6.331552	6.369331	6.140202	6.369331	6.140202	8.424587	8.127156	8.424587	8.127156	8.482639	8.18308
388950	3739850	57.22%	6.108693	5.892495	6.108693	5.892495	6.137003	5.91892	6.489555	6.258986	6.297122	6.073339	6.297122	6.073339	8.330447	8.038137	8.330447	8.038137	8.38641	8.091501
389450	3739850	61.70%	5.934841	5.786796	5.934841	5.786796	5.959264	5.810461	6.302469	6.145161	6.116925	5.964376	6.116925	5.964376	8.09741	7.895434	8.09741	7.895434	8.150067	7.946703
380450	3740350	71.54%	11.59055	11.2029	11.59055	11.2029	11.77374	11.37921	12.40196	11.98668	11.95115	11.55152	11.95115	11.55152	15.718522	15.19313	15.71852	15.19313	15.88912	15.3577
380950	3740350	70.98%	11.619715	11.0337	11.61972	11.0337	11.80363	11.20512	12.43381	11.80442	11.98276	11.378	11.98276	11.378	15.754616	14.96302	15.75462	14.96302	15.92609	15.12416
381450	3740350	77.02%	11.196895	10.71016	11.1969	10.71016	11.37094	10.8757	11.97926	11.45767	11.54688	11.04424	11.54688	11.04424	15.183013	14.52504	15.18301	14.52504	15.34674	14.68102
381950	3740350	74.21%	11.171201	10.65922	11.1712	10.65922	11.34157	10.81984	11.94969	11.40061	11.52085	10.99249	11.52085	10.99249	15.149219	14.4569	15.14922	14.4569	15.3111	14.61021
382450	3740350	69.94%	10.770681	10.27447	10.77068	10.27447	10.92975	10.42437	11.51764	10.98571	11.10746	10.59555	11.10746	10.59555	14.610077	13.93853	14.61008	13.93853	14.76343	14.08389
382950	3740350	73.39%	10.30936	9.885632	10.30936	9.885632	10.4549	10.02516	11.01975	10.56654	10.63164	10.19379	10.63164	10.19379	13.988669	13.41558	13.98867	13.41558	14.13213	13.55296
383450	3740350	70.75%	9.852383	9.277225	9.852383	9.277225	9.988829	9.399459	10.53523	9.9101	10.1601	9.564817	10.1601	9.564817	13.372366	12.59538	13.37237	12.59538	13.50691	12.71992
383950	3740350	65.95%	9.176993	8.973048	9.176993	8.973048	9.291578	9.085904	9.79875	9.581432	9.462454	9.251793	9.462454	9.251793	12.464556	12.18784	12.46456	12.18784	12.58462	12.30555
384450	3740350	64.82%	8.58658	8.124483	8.58658	8.124483	8.686493	8.215152	9.163122	8.666945	8.852788	8.374949	8.852788	8.374949	11.669082	11.0465	11.66908	11.0465	11.77764	11.14703
384950	3740350	61.23%	8.235115	8.030881	8.235115	8.030881	8.326191	8.118819	8.784598	8.566107	8.48964	8.278986	8.48964	8.278986	11.19608	10.91917	11.19608	10.91917	11.29771	11.01782
385450	3740350	61.12%	7.998886	7.671658	7.998886	7.671658	8.079965	7.747531	8.527842	8.177325	8.246913	7.908353	8.246913	7.908353	10.877827	10.43651	10.87783	10.43651	10.97304	10.52669
385950	3740350	61.71%	7.658479	7.160401	7.658479	7.160401	7.73109	7.221967	8.161386	7.625986	7.895514	7.38095	7.895514	7.38095	10.419019	9.747613	10.41902	9.747613	10.50762	9.827127
386450	3740350	53.96%	7.270977	6.896658	7.270977	6.896658	7.332452	6.950981	7.74318	7.34164	7.495367	7.108815	7.495367	7.108815	9.89789	9.392253	9.89789	9.392253	9.978201	9.466341
386950	3740350	62.38%	6.996815	6.693258	6.996815	6.693258	7.051797	6.74375	7.448474	7.123629	7.213055	6.899248	7.213055	6.899248	9.52659	9.116482	9.52659	9.116482	9.601886	9.187294
387450	3740350	58.55%	6.784613	6.391928	6.784613	6.391928	6.83346	6.435376	7.219598	6.799499	6.994472	6.588049	6.994472	6.588049	9.240104	8.710289	9.240104	8.710289	9.31095	8.775439
387950	3740350	62.11%	6.476247	6.178809	6.476247	6.178809	6.517114	6.215891	6.88745	6.569419	6.676233	6.368244	6.676233	6.368244	8.824463	8.423275	8.824463	8.423275	8.889179	8.483808
388450	3740350	60.44%	6.104026	5.930617	6.104026	5.930617	6.137368	5.962989	6.487813	6.303094	6.291626	6.111614	6.291626	6.111614	8.322384	8.08868	8.322384	8.08868	8.380666	8.145023
388950	3740350	57.45%	6.013816	5.792999	6.013816	5.792999	6.042382	5.820273	6.389197	6.153784	6.199196	5.969475	6.199196	5.969475	8.200892	7.904402	8.200892	7.904402	8.256298	7.95724
389450	3740350	59.61%	5.848532	5.658517	5.848532	5.658517	5.873584	5.682006	6.211438	6.008831	6.027827	5.831029	6.027827	5.831029	7.979326	7.722568	7.979326	7.722568	8.031669	7.772652
380450	3740850	71.16%	10.907782	10.56644	10.90778	10.56644	11.07523	10.72889	11.66758	11.3025	11.24567	10.89331	11.24567	10.89331	14.798815	14.33647	14.79882	14.33647	14.95664	14.48936
380950	3740850	77.11%	10.716281	10.22547	10.71628	10.22547	10.88083	10.3801	11.46295	10.93608	11.0488	10.54196	11.0488	10.54196	14.537749	13.87515	14.53775	13.87515	14.69288	14.02188
381450	3740850	74.20%	10.744789	10.32636	10.74479	10.32636	10.90705	10.48172	11.4919	11.04378	11.07924	10.64705	11.07924	10.64705	14.575964	14.01026	14.57596	14.01026	14.73039	14.1583
381950	3740850	75.09%	10.421065	9.918948	10.42107	9.918948	10.57518	10.06357	11.14332	10.6048	10.74492	10.22657	10.74492	10.22657	14.139932	13.46128	14.13993	13.46128	14.28805	13.60109
382450	3740850	69.68%	10.18004	9.706925	10.18004	9.706925	10.3263	9.844755	10.88277	10.3757	10.49673	10.00827	10.49673	10.00827	13.814943	13.1752	13.81494	13.1752	13.95756	13.31026
382950	3740850	73.03%	9.827462	9.364347	9.827462	9.364347	9.962691	9.492808	10.50178	10.00626	10.13311	9.654411	10.13311	9.654411	13.3403	12.71439	13.3403	12.71439	13.47503	12.84236

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
383450	3740850	72.76%	9.373618	8.962412	9.373618	8.962412	9.496829	9.078876	10.01258	9.572349	9.664164	9.239968	9.664164	9.239968	12.718683	12.17287	12.71868	12.17287	12.85541	12.29213
383950	3740850	63.71%	8.887579	8.558574	8.887579	8.558574	8.997718	8.66374	9.488871	9.136675	9.163045	8.822807	9.163045	8.822807	12.074078	11.62987	12.07408	11.62987	12.18974	11.74061
384450	3740850	68.09%	8.323929	7.963913	8.323929	7.963913	8.418592	8.052113	8.881002	8.494947	8.580867	8.208611	8.580867	8.208611	11.315909	10.83038	11.31591	10.83038	11.41985	10.92844
384950	3740850	61.63%	8.050393	7.701234	8.050393	7.701234	8.138739	7.78253	8.58681	8.21196	8.298326	7.937579	8.298326	7.937579	10.947215	10.47623	10.94722	10.47623	11.04607	10.56902
385450	3740850	67.49%	7.836718	7.567483	7.836718	7.567483	7.916711	7.643291	8.355096	8.066774	8.078965	7.800412	8.078965	7.800412	10.658531	10.29538	10.65853	10.29538	10.75196	10.38469
385950	3740850	62.24%	7.436132	7.179232	7.436132	7.179232	7.50658	7.244709	7.92411	7.648447	7.665312	7.399944	7.665312	7.399944	10.118569	9.771784	10.11857	9.771784	10.2044	9.85328
386450	3740850	57.86%	7.046537	6.666365	7.046537	6.666365	7.107502	6.719611	7.504934	7.096711	7.263464	6.870531	7.263464	6.870531	9.592589	9.080118	9.592589	9.080118	9.671014	9.151914
386950	3740850	56.87%	6.794865	6.515817	6.794865	6.515817	6.848004	6.564283	7.233004	6.934043	7.003883	6.715458	7.003883	6.715458	9.25385	8.877088	9.25385	8.877088	9.326644	8.945513
387450	3740850	61.88%	6.675503	6.338401	6.675503	6.338401	6.724362	6.382982	7.103822	6.743407	6.881294	6.532287	6.881294	6.532287	9.092478	8.637668	9.092478	8.637668	9.162431	8.702923
387950	3740850	60.45%	6.473584	6.099265	6.473584	6.099265	6.51699	6.137537	6.886238	6.485726	6.673101	6.285484	6.673101	6.285484	8.820041	8.315413	8.820041	8.315413	8.88592	8.37585
388450	3740850	62.32%	6.095074	5.800846	6.095074	5.800846	6.131596	5.832709	6.480412	6.165056	6.282173	5.977059	6.282173	5.977059	8.308671	7.913325	8.308671	7.913325	8.368396	7.96838
388950	3740850	59.77%	5.957719	5.751961	5.957719	5.751961	5.98809	5.780695	6.330857	6.111204	6.140853	5.926811	6.140853	5.926811	8.124204	7.848166	8.124204	7.848166	8.180005	7.901381
389450	3740850	59.15%	5.768772	5.609145	5.768772	5.609145	5.794598	5.633394	6.1274	5.956953	5.945359	5.779844	5.945359	5.779844	7.870396	7.655228	7.870396	7.655228	7.922524	7.705299
380450	3741350	70.48%	10.322875	10.00728	10.32288	10.00728	10.47688	10.15607	11.03835	10.7005	10.64085	10.31542	10.64085	10.31542	14.011834	13.58401	14.01183	13.58401	14.15863	13.72608
380950	3741350	79.70%	9.806268	9.57906	9.806268	9.57906	9.951613	9.720743	10.48517	10.242	10.10793	9.873628	10.10793	9.873628	13.31208	13.00405	13.31208	13.00405	13.45107	13.13955
381450	3741350	74.51%	10.137185	9.811635	10.13719	9.811635	10.28639	9.955513	10.83878	10.49028	10.45065	10.1148	10.45065	10.1148	13.758493	13.31747	13.75849	13.31747	13.90189	13.45604
381950	3741350	74.45%	9.859157	9.379893	9.859157	9.379893	10.00073	9.512077	10.53904	10.02479	10.16376	9.668966	10.16376	9.668966	13.383922	12.73645	13.38392	12.73645	13.52162	12.86608
382450	3741350	69.62%	9.644493	9.227181	9.644493	9.227181	9.779402	9.354655	10.30725	9.859961	9.942826	9.511922	9.942826	9.511922	13.093982	12.5299	13.09398	12.5299	13.22698	12.65621
382950	3741350	72.67%	9.355616	8.874804	9.355616	8.874804	9.482135	8.993569	9.99559	9.480534	9.645096	9.147757	9.645096	9.147757	12.70434	12.05568	12.70434	12.05568	12.83123	12.17511
383450	3741350	74.01%	8.947965	8.663602	8.947965	8.663602	9.063219	8.775034	9.555874	9.252047	9.223909	8.930645	9.223909	8.930645	12.156316	11.77043	12.15632	11.77043	12.27466	11.8849
383950	3741350	63.07%	8.542135	8.256946	8.542135	8.256946	8.646671	8.3573	9.123321	8.815375	8.805794	8.510792	8.805794	8.510792	11.607935	11.22299	11.60794	11.22299	11.71824	11.32907
384450	3741350	67.94%	8.153528	7.823087	8.153528	7.823087	8.247284	7.910406	8.699746	8.345025	8.404714	8.062931	8.404714	8.062931	11.084653	10.63956	11.08465	10.63956	11.18688	10.73611
384950	3741350	64.17%	7.766418	7.35748	7.766418	7.35748	7.850062	7.432137	8.282528	7.8429	8.004579	7.58178	8.004579	7.58178	10.564266	10.01367	10.56427	10.01367	10.65863	10.10055
385450	3741350	62.19%	7.530704	7.308488	7.530704	7.308488	7.60688	7.381127	8.028036	7.790023	7.762412	7.532537	7.762412	7.532537	10.245071	9.945304	10.24507	9.945304	10.33428	10.0311
385950	3741350	64.98%	7.099326	6.904828	7.099326	6.904828	7.166488	6.968557	7.564815	7.356342	7.317086	7.116185	7.317086	7.116185	9.662547	9.39975	9.662547	9.39975	9.744239	9.47833
386450	3741350	64.76%	6.943753	6.617207	6.943753	6.617207	7.005118	6.672143	7.396202	7.045653	7.157045	6.819435	7.157045	6.819435	9.452877	9.012761	9.452877	9.012761	9.5307	9.084971
386950	3741350	55.46%	6.623584	6.362058	6.623584	6.362058	6.675473	6.409565	7.050549	6.770324	6.826676	6.556321	6.826676	6.556321	9.021956	8.668902	9.021956	8.668902	9.092834	8.735676
387450	3741350	58.61%	6.501946	6.202653	6.501946	6.202653	6.549562	6.246092	6.918822	6.598581	6.701324	6.391485	6.701324	6.391485	8.858309	8.454702	8.858309	8.454702	8.926268	8.518274
387950	3741350	61.06%	6.364996	6.055911	6.364996	6.055911	6.408629	6.095499	6.771089	6.440628	6.560215	6.240538	6.560215	6.240538	8.673525	8.255881	8.673525	8.255881	8.738591	8.316617
388950	3741350	64.00%	5.926962	5.611111	5.926962	5.611111	5.959632	5.639931	6.299664	5.961721	6.108619	5.780457	6.108619	5.780457	8.081882	7.658089	8.081882	7.658089	8.138509	7.710139
389450	3741350	58.75%	5.716492	5.539508	5.716492	5.539508	5.743628	5.56551	6.072841	5.88419	5.891205	5.707397	5.891205	5.707397	7.798659	7.560398	7.798659	7.560398	7.851016	7.610726
380450	3741850	72.76%	9.609347	9.275792	9.609347	9.275792	9.749252	9.409268	10.27238	9.9146	9.903198	9.559022	9.903198	9.559022	13.050044	12.59895	13.05004	12.59895	13.18457	12.72798
380950	3741850	75.36%	9.671415	9.247892	9.671415	9.247892	9.812032	9.380239	10.33896	9.884429	9.968347	9.530704	9.968347	9.530704	13.131975	12.5606	13.13198	12.5606	13.26757	12.68897
381450	3741850	76.90%	9.410638	9.072823	9.410638	9.072823	9.545557	9.201085	10.05886	9.696433	9.699485	9.350899	9.699485	9.350899	12.779235	12.32248	12.77924	12.32248	12.91018	12.44775
381950	3741850	74.02%	9.348099	8.944029	9.348099	8.944029	9.479054	9.067088	9.990041	9.55651	9.635366	9.218256	9.635366	9.218256	12.695484	12.14943	12.69548	12.14943	12.82412	12.27129
382450	3741850	69.32%	9.117173	8.736581	9.117173	8.736581	9.241477	8.853627	9.740959	9.332769	9.39742	9.004584	9.39742	9.004584	12.383844	11.86936	12.38384	11.86936	12.50763	11.98685
382950	3741850	71.80%	8.925074	8.529805	8.925074	8.529805	9.043741	8.641591	9.533756	9.110126	9.199688	8.791286	9.199688	8.791286	12.124247	11.59038	12.12425	11.59038	12.244	11.70383
383450	3741850	74.73%	8.521082	8.311474	8.521082	8.311474	8.628643	8.416349	9.098127	8.874339	8.782606	8.5667	8.782606	8.5667	11.58044	11.29528	11.58044	11.29528	11.6918	11.40391
383950	3741850	66.27%	8.194187	7.865663	8.194187	7.865663	8.292767	7.958746	8.745783	8.393831	8.445644	8.106159	8.445644	8.106159	11.130645	10.69226	11.13065	10.69226	11.23552	10.79189
384450	3741850	65.57%	7.848565	7.615623	7.848565	7.615623	7.937652	7.700751	8.373223	8.123618	8.089229	7.848497	8.089229	7.848497	10.673198	10.35859	10.6732	10.35859	10.77081	10.45253
384950	3741850	63.36%	7.351638	7.154863	7.351638	7.154863	7.428756	7.22885	7.838395	7.627709	7.57582	7.372505	7.57582	7.372505	10.003999	9.738045	10.004	9.738045	10.09207	9.823128
385450	3741850	57.60%	7.290013	7.022102	7.290013	7.022102	7.363279	7.090573	7.770838	7.483582	7.513356	7.236425	7.513356	7.236425	9.919964	9.558418	9.919964	9.558418	10.00592	9.640008
385950	3741850	64.72%	7.01151	6.804651	7.01151	6.804651	7.078371	6.867937	7.471428	7.249777	7.226029	7.012382	7.226029	7.012382	9.543878	9.264271	9.543878	9.264271	9.624707	9.341839
386450	3741850	62.53%	6.799094	6.605057	6.799094	6.605057	6.858909	6.661795	7.241695	7.03401	7.007186	6.806904	7.007186	6.806904	9.257723	8.994991	9.257723	8.994991	9.333631	9.068007
386950	3741850	59.89%	6.609207	6.195063	6.609207	6.195063	6.663114	6.240998	7.036667	6.592149	6.811772	6.383396	6.811772	6.383396	9.001207	8.443339	9.001207	8.443339	9.07298	8.508047
387450	3741850	55.73%	6.280058	6.085102	6.280058	6.085102	6.325059	6.128067	6.681652	6.473627	6.47142	6.269932	6.47142	6.269932	8.559205	8.29514	8.559205	8.29514	8.624109	8.357604
387950	3741850	62.11%	6.212718	5.934822	6.212718	5.934822	6.255359	5.974004	6.608868	6.311964	6.402449	6.115265	6.402449	6.115265	8.467683	8.091632	8.467683	8.091632	8.53106	8.151238
388950	3741850	60.84%	5.904567	5.558069	5.904567	5.558069	5.939632	5.58781	6.277398	5.906183	6.084986	5.725868	6.084986	5.725868	8.050917	7.584824	8.050917	7.584824	8.108469	7.636994
389450	3741850	63.79%	5.708955	5.39883	5.708955	5.39883	5.738463	5.424473	6.066499	5.734614	5.883549	5.561343	5.883549	5.561343	7.786615	7.370571	7.786615	7.370571	7.840138	7.419553
380450	3742350	70.49%	9.220759	8.927601	9.220759	8.927601	9.351056	9.052782	9.853874	9.539796	9.501393	9.198856	9.501393	9.198856	12.527678	12.1309	12.52768	12.1309	12.65457	12.25322
380950	3742350	75.32%	9.163152	8.687832	9.163152	8.687832	9.29334	8.808453	9.793153	9.282747	9.443174	8.951753	9.443174	8.951753	12.446513	11.80597	12.44651	11.80597	12.57318	11.9244
381450	3742350	75.29%	9.068634	8.735412	9.068634	8.735412	9.195417	8.856126	9.690755	9.33354	9.345851	9.001849	9.345851	9.001849	12.319255	11.86869	12.31926	11.86869	12.44364	11.98769
381950	3742350	73.61%	8.889807	8.545379	8.889807	8.545379	9.01117	8.660302	9.497711	9.128453	9.161638	8.806361	9.161638	8.806361	12.077975	11.61177	12.07798	11.61177	12.19847	11.72668
382450	3742350	68.91%	8.653685	8.310244	8.653685	8.310244	8.768261	8.41924	9.243015	8.875288	8.918279	8.563688	8.918279	8.563688	11.759437	11.29475	11.75944	11.29475	11.87497	11.40508
382950	3742350	70.82%	8.517493	8.1182	8.517493	8.1182	8.628031	8.221587	9.096113	8.668123	8.778182	8.3659	8.778182	8.3659	11.575221	11.03544	11.57522	11.03544	11.68788	11.14169
383450	3742350	74.55%	8.18256	7.9456	8.18256	7.9456	8.284113	8.043924	8.73514	8.482012	8.432523	8.188449	8.432523	8.188449	11.123973	10.8017	11.12397	10.8017	11.22982	10.90438
383950	3742350	68.04%	7.950896	7.580874	7.950896	7.580874	8.045279	7.668643	8.484958	8.088345	8.193886	7.811839	8.193886	7.811839	10.8115	10.31119	10.8115	10.31119	10.91226	10.40605
384450	3742350	63.98%	7.627332	7.352857	7.627332	7.352857	7.71356	7.434013	8.136702	7.842392	7.860342	7.576959	7.860342	7.576959	10.374408	10.00339	10.37441	10.00339	10.46891	10.09343
384950	3742350	65.06%	7.221947	6.896145	7.221947	6.896145	7.298058	6.965635	7.700216	7.350334	7.441684	7.104848	7.441684	7.104848	9.828393	9.389345	9.828393	9.389345	9.914985	9.470248
385450	3742350	58.75%	7.042213	6.721984	7.042213	6.721984	7.112553	6.786023	7.50616	7.162398	7.257161	6.926097	7.257161	6.926097	9.584761	9.153108	9.584761	9.153108	9.667421	9.230266
385950	3742350	63.27%	6.779532	6.618152	6.779532	6.618152	6.843323	6.679694	7.223359	7.050808	6.986002	6.819342	6.986002	6.819342	9.230689	9.012176	9.230689	9.012176	9.308227	9.087441
386450	3742350	62.73%	6.640678	6.468142	6.640678	6.468142	6.698703	6.52343	7.072447	6.887815	6.843109	6.665156	6.843109	6.665156	9.043991	8.810075	9.043991	8.810075	9.117791	8.881327
386950	3742350	62.08%	6.461248	6.218401	6.461248	6.218401	6.514211	6.26756	6.879059	6.61904	6.658448	6.407423	6.658448	6.407423	8.801306	8.473236	8.801306	8.473236	8.871436	8.539698
387450	3742350	56.12%	6.235787	5.913822	6.235787	5.913822	6.282326	5.95461	6.635778	6.290521	6.425634	6.092687	6.425634	6.092687	8.498035	8.063869	8.498035	8.063869	8.563377	8.12396
387950	3742350	56.28%	6.036333	5.822223	6.036333	5.822223	6.076549	5.860808	6.420199	6.191978	6.219961	5.998194	6.219961	5.998194	8.229595	7.940199	8.229595	7.940199	8.29042	7.998552
388950	3742350	57.58%	5.829381	5.564498	5.829381	5.564498	5.864599	5.596595	6.197681	5.914637	6.006854	5.732633	6.006854	5.732633	7.949406	7.591836	7.949406	7.591836	8.006387	7.645226
389450	3742350	61.39%	5.678204	5.35547	5.678204	5.35547	5.709795	5.382167	6.035168	5.689353	5.851301	5.516465	5.851301	5.516465	7.744487	7.311055	7.744487	7.311055	7.798702	7.36021
380200	3731100	66.34%	11.885572	11.58289	11.88557	11.58289	12.02419	11.72089	12.67401	12.35392	12.22195	11.913	12.22195	11.913	16.22029	15.80054	16.22029	15.80054	16.36453	15.94297
380700	3731100	59.77%	14.652875	14.39624	14.65288	14.39624	14.85782	14.60123	15.65511	15.38433	15.09079	14.82942	15.09079	14.82942	19.92635	19.56876	19.92635	19.56876	20.12544	19.76674
380200	3731600	63.17%	13.861069	13.40414	13.86107	13.40414	14.04981	13.58774	14.80373	14.31703	14.26923	13.80045	14.26923	13.80045	18.86561	18.23966	18.86561	18.23966	19.05016	18.41906
380700	3731600	62.25%	16.492363	15.86985	16.49236	15.86985	16.74623	16.11397	17.63976	16.9743	16.99729	16.357	16.99729	16.357	22.38761	21.53991	22.38761	21.53991	22.62541	21.76897
381200	3731600	59.79%	18.413027	17.78344	18.41303	17.78344	18.72392	18.08371	19.71803	19.04414	18.99402	18.34559	18.99402	18.34559	24.94083	24.08634	24.94083	24.08634	25.22337	24.35924
381700	3731600	66.28%	21.189418	20.71738	21.18942	20.71738	21.57088	21.0927	22.71195	22.2077	21.87338	21.38657	21.87338	21.38657	28.65448	28.01388	28.65448	28.01388	28.99414	28.34715
383700	3731600	68.68%	17.966964	17.74146	17.96696	17.74146	18.18311	17.95857	19.19793	18.95971	18.58862	18.3561	18.58862	18.3561	24.27538	23.96654	24.27538	23.96654	24.51858	24.20867
384200	3731600	62.24%	16.808767	16.20075	16.80877	16.20075	16.9771	16.36377	17.94056	17.292	17.40058	16.77073	17.40058	16.77073	22.71006	21.88892	22.71006	21.88892	22.92276	22.09436
380200	3732100	69.12%	14.646467	14.31229	14.64647	14.31229	14.85786	14.52147	15.65291	15.29828	15.08506	14.74304	15.08506	14.74304	19.91179	19.45104	19.91179	19.45104	20.11415	19.65056
380700	3732100	61.26%	17.379145	16.74207	17.37915	16.74207	17.65893	17.01	18.59892	17.91612	17.91861	17.26215	17.91861	17.26215	23.56797	22.70441	23.56797	22.70441	23.82611	22.95231
381200	3732100	60.23%	19.590528	18.98992	19.59053	18.98992	19.93251	19.32119	20.9888	20.34505	20.21573	19.59575	20.21573	19.59575	26.51412	25.70184	26.51412	25.70184	26.82153	25.99957
381700	3732100	67.13%	22.004249	21.5746	22.00425	21.5746	22.40747	21.97167	23.59182	23.13264	22.71999	22.27721	22.71999	22.27721	29.74023	29.15665	29.74023	29.15665	30.09751	29.50795
382700	3732100	67.02%	21.636228	21.2932	21.63623	21.2932	21.99939	21.65378	23.17956	22.81439	22.35608	22.00198	22.35608	22.00198	29.2294	28.7619	29.2294	28.7619	29.56743	29.09768
383700	3732100	64.80%	15.926318	15.57741	15.92632	15.57741	16.10425	15.75509	17.00638	16.63627	16.47137	16.11059	16.47137	16.11059	21.53961	21.06519	21.53961	21.06519	21.74726	21.27016
380200	3732600	60.83%	15.896674	15.38579	15.89667	15.38579	16.14049	15.62119	17.00197	16.4551	16.38319	15.85624	16.38319	15.85624	21.57999	20.88763	21.57999	20.88763	21.80873	21.10869
380700	3732600	67.11%	17.929276	17.4346	17.92928	17.4346	18.22547	17.7218	19.19468	18.66431	18.49204	17.98124	18.49204	17.98124	24.29631	23.62781	24.29631	23.62781	24.5676	23.891
381200	3732600	58.57%	20.442168	19.75854	20.44217	19.75854	20.80685	20.10922	21.9081	21.17417	21.0998	20.39405	21.0998	20.39405	27.65069	26.72747	27.65069	26.72747	27.97632	27.04122
381700	3732600	63.37%	23.689955	22.25496	23.68996	22.25496	24.13685	22.63891	25.40942	23.68556	24.46582	22.80948	24.46582	22.80948	31.99945	29.8422	31.99945	29.8422	32.39067	30.20396
383700	3732600	65.41%	14.210062	13.89161	14.21006	13.89161	14.35748	14.04033	15.16405	14.82777	14.68986	14.36204	14.68986	14.36204	19.23926	18.79359	19.23926	18.79359	19.41769	18.97045
384200	3732600	63.13%	13.323185	12.80898	13.32319	12.80898	13.44292	12.92656	14.2059	13.65938	13.77567	13.24426	13.77567	13.24426	18.04447	17.33236	18.04447	17.33236	18.20324	17.48599

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
384700	3732600	60.22%	12.694038	12.0376	12.69404	12.0376	12.80102	12.13862	13.52965	12.82994	13.12319	12.44529	13.12319	12.44529	17.20105	16.31023	17.20105	16.31023	17.34836	16.44987
385200	3732600	54.77%	12.060291	11.55853	12.06029	11.55853	12.15548	11.65037	12.84909	12.31547	12.46565	11.94881	12.46565	11.94881	16.35135	15.66688	16.35135	15.66688	16.48768	15.79818
380200	3733100	63.39%	16.309312	15.82721	16.30931	15.82721	16.56674	16.07631	17.44964	16.93322	16.81265	16.31547	16.81265	16.31547	22.12693	21.47242	22.12693	21.47242	22.36603	21.7041
380700	3733100	57.76%	18.58773	17.66202	18.58773	17.66202	18.90244	17.95636	19.90609	18.91114	19.1754	18.21907	19.1754	18.21907	25.17471	23.92669	25.17471	23.92669	25.46051	24.19562
381200	3733100	58.75%	21.897206	21.22982	21.89721	21.22982	22.29723	21.61709	23.47503	22.75898	22.60552	21.9158	22.60552	21.9158	29.60469	28.64425	29.60469	28.64425	29.95892	28.98628
381700	3733100	55.55%	25.416123	23.99416	25.41612	23.99416	25.90955	24.45632	27.27243	25.74409	26.25517	24.78599	26.25517	24.78599	34.30822	32.39158	34.30822	32.39158	34.73695	32.79443
382200	3733100	60.53%	22.394813	20.86976	22.39481	20.86976	22.80397	21.24546	24.0134	22.37419	23.13528	21.55946	23.13528	21.55946	30.241055	28.18396	30.24106	28.18396	30.60646	28.52165
382700	3733100	74.39%	17.300896	16.1966	17.3009	16.1966	17.56422	16.43831	18.51492	17.33007	17.87068	16.7309	17.87068	16.7309	23.401988	21.90954	23.40199	21.90954	23.6578	22.14677
383200	3733100	73.29%	14.347424	13.66716	14.34742	13.66716	14.52106	13.83215	15.32428	14.59785	14.82168	14.12019	14.82168	14.12019	19.431419	18.50762	19.43142	18.50762	19.62177	18.68898
384700	3733100	62.34%	11.632062	11.2238	11.63206	11.2238	11.72514	11.31599	12.39284	11.95965	12.02022	11.59882	12.02022	11.59882	15.775911	15.21966	15.77591	15.21966	15.90748	15.34788
385200	3733100	60.77%	11.272134	10.85623	11.27213	10.85623	11.35835	10.9387	12.00634	11.56361	11.64719	11.21957	11.64719	11.21957	15.292585	14.72417	15.29259	14.72417	15.4179	14.845
380200	3733600	50.04%	16.559226	16.07793	16.55923	16.07793	16.8254	16.3373	17.72123	17.20696	17.07356	16.57795	17.07356	16.57795	22.45573	21.80107	22.45573	21.80107	22.70151	22.04036
380700	3733600	52.11%	19.392768	18.82617	19.39277	18.82617	19.73229	19.15634	20.77718	20.17042	20.01048	19.42566	20.01048	19.42566	26.11159	25.36548	26.11159	25.36548	26.414	25.65956
381200	3733600	51.99%	23.056103	22.47431	23.0561	22.47431	23.48691	22.89659	24.72553	24.10314	23.8072	23.20619	23.8072	23.20619	31.15431	30.36705	31.15431	30.36705	31.53296	30.73735
381700	3733600	66.74%	26.9387	26.10056	26.9387	26.10056	27.4808	26.62746	28.92049	28.02236	27.83228	26.96843	27.83228	26.96843	36.342408	35.2062	36.34241	35.2062	36.8071	35.65759
382200	3733600	62.18%	21.121183	20.4864	21.12118	20.4864	21.50134	20.85698	22.64352	21.9646	21.81837	21.16395	21.81837	21.16395	28.529225	27.66791	28.52923	27.66791	28.87086	28.00034
382700	3733600	78.18%	16.265152	15.39425	16.26515	15.39425	16.50885	15.62124	17.40315	16.46921	16.79853	15.90029	16.79853	15.90029	22.008383	20.82943	22.00838	20.82943	22.24652	21.05323
383200	3733600	70.67%	13.674842	13.08886	13.67484	13.08886	13.84106	13.24736	14.6055	13.97965	14.12377	13.51993	14.12377	13.51993	18.526549	17.73017	18.52655	17.73017	18.70778	17.90362
383700	3733600	70.53%	12.443479	11.8514	12.44348	11.8514	12.57285	11.97294	13.27578	12.6434	12.85296	12.24282	12.85296	12.24282	16.869952	16.06528	16.86995	16.06528	17.02421	16.2117
384200	3733600	66.14%	11.381085	11.01813	11.38109	11.01813	11.48022	11.11616	12.12946	11.74443	11.75607	11.38243	11.75607	11.38243	15.440685	14.94428	15.44069	14.94428	15.57245	15.07311
384700	3733600	68.52%	10.753695	10.44971	10.7537	10.44971	10.83659	10.53221	11.45359	11.13141	11.10827	10.79514	11.10827	10.79514	14.595676	14.17996	14.59568	14.17996	14.71493	14.29697
388700	3733600	51.76%	8.763289	8.372909	8.763289	8.372909	8.808932	8.417539	9.318163	8.903945	9.050233	8.647682	9.050233	8.647682	11.912155	11.37951	11.91216	11.37951	11.99813	11.46228
389200	3733600	50.68%	8.473234	8.149235	8.473234	8.149235	8.514754	8.189826	9.007464	8.663836	8.749042	8.415634	8.749042	8.415634	11.522924	11.07953	11.52292	11.07953	11.60446	11.15848
380200	3734100	47.01%	17.179051	16.58898	17.17905	16.58898	17.4656	16.86693	18.39292	17.76206	17.71679	17.10869	17.71679	17.10869	23.28108	22.47951	23.28108	22.47951	23.54202	22.7322
380700	3734100	45.81%	20.451171	19.61604	20.45117	19.61604	20.82019	19.96963	21.92046	21.02478	21.10866	20.2458	21.10866	20.2458	27.66114	26.53367	27.66114	26.53367	27.98892	26.84761
381200	3734100	43.06%	25.34196	24.70526	25.34196	24.70526	25.84048	25.19182	27.1965	26.51358	26.17589	25.51826	26.17589	25.51826	34.20952	33.34963	34.20952	33.34963	34.63974	33.7693
383200	3734100	64.53%	13.430512	12.85255	13.43051	12.85255	13.59226	13.00464	14.34295	13.7237	13.86958	13.26739	13.86958	13.26739	18.200411	17.42029	18.20041	17.42029	18.37733	17.58085
383700	3734100	67.18%	12.074273	11.54183	12.07427	11.54183	12.20127	11.66012	12.88204	12.31178	12.46886	11.91873	12.46886	11.91873	16.374288	15.65478	16.37429	15.65478	16.52419	15.79651
385700	3734100	62.31%	9.830733	9.321074	9.830733	9.321074	9.897664	9.380417	10.46393	9.91886	10.15284	9.627167	10.15284	9.627167	13.35284	12.66172	13.35284	12.66172	13.45709	12.75867
388200	3734100	52.11%	8.95445	8.547445	8.95445	8.547445	8.997605	8.589811	9.519361	9.087366	9.248611	8.827891	9.248611	8.827891	12.172125	11.61886	12.17213	11.61886	12.25845	11.70177
389700	3734100	53.22%	8.114756	7.702814	8.114756	7.702814	8.149612	7.73696	8.622343	8.185198	8.376567	7.950799	8.376567	7.950799	11.043445	10.4833	11.04345	10.4833	11.11866	10.55511
380200	3734600	46.84%	17.827621	17.34324	17.82762	17.34324	18.13368	17.64357	19.09473	18.5779	18.39075	17.89172	18.39075	17.89172	24.14373	23.48463	24.14373	23.48463	24.41982	23.75459
380700	3734600	50.83%	21.564942	21.15028	21.56494	21.15028	21.96771	21.54803	23.12478	22.68235	22.2625	21.83559	22.2625	21.83559	29.150101	28.58542	29.1501	28.58542	29.50333	28.93332
381200	3734600	49.12%	27.002255	26.34025	27.00226	26.34025	27.54837	26.87415	28.98927	28.27936	27.89365	27.20969	27.89365	27.20969	36.435442	35.53667	36.43544	35.53667	36.90178	35.99202
381700	3734600	54.03%	28.343311	27.67964	28.34331	27.67964	28.92973	28.25369	30.44048	29.7286	29.28742	28.60147	29.28742	28.60147	38.21868	37.3236	38.21868	37.3236	38.70892	37.8102
382700	3734600	56.86%	14.894615	14.19269	14.89462	14.19269	15.11193	14.39532	15.93147	15.17743	15.37891	14.65342	15.37891	14.65342	20.166371	19.22004	20.16637	19.22004	20.38076	19.42206
383200	3734600	71.76%	12.572855	12.21427	12.57286	12.21427	12.72741	12.3654	13.42809	13.04561	12.98039	12.60965	12.98039	12.60965	17.043537	16.5575	17.04354	16.5575	17.21005	16.71971
383700	3734600	65.17%	11.648631	11.19603	11.64863	11.19603	11.77	11.31242	12.42615	11.94272	12.02608	11.55735	12.02608	11.55735	15.804626	15.19379	15.80463	15.19379	15.94808	15.33126
384700	3734600	70.21%	10.003927	9.777132	10.00393	9.777132	10.08632	9.859022	10.65663	10.41635	10.3273	10.0945	10.3273	10.0945	13.588471	13.27675	13.58847	13.27675	13.70075	13.38741
387700	3734600	59.76%	8.612445	8.341603	8.612445	8.341603	8.651119	8.381962	9.15307	8.867539	8.892803	8.614278	8.892803	8.614278	11.714439	11.34181	11.71444	11.34181	11.79557	11.42205
388700	3734600	56.47%	8.304385	7.794067	8.304385	7.794067	8.340013	7.829685	8.824718	8.28295	8.575296	8.045208	8.575296	8.045208	11.295203	10.60638	11.2952	10.60638	11.37272	10.67961
389200	3734600	55.90%	7.91501	7.598298	7.91501	7.598298	7.948286	7.630348	8.409446	8.073109	8.169845	7.843234	8.169845	7.843234	10.77322	10.34145	10.77322	10.34145	10.84612	10.41154
389700	3734600	54.77%	7.712614	7.48459	7.712614	7.48459	7.742128	7.515521	8.192072	7.951702	7.959749	7.725296	7.959749	7.725296	10.502064	10.18824	10.50206	10.18824	10.57143	10.25686
380200	3735100	46.05%	18.943745	17.83753	18.94375	17.83753	19.28241	18.15333	20.30109	19.11323	19.54785	18.40561	19.54785	18.40561	25.634461	24.14141	25.63446	24.14141	25.93552	24.42322
380700	3735100	49.75%	22.332927	21.47495	22.33293	21.47495	22.76202	21.88723	23.95783	23.037	23.0597	22.17324	23.0597	22.17324	30.171207	29.0138	30.17121	29.0138	30.54374	29.37167
381200	3735100	55.01%	25.932098	25.13947	25.9321	25.13947	26.45644	25.64709	27.84039	26.98879	26.78857	25.96942	26.78857	25.96942	34.990788	33.92228	34.99079	33.92228	35.4386	34.356
381700	3735100	59.87%	27.03372	26.08793	27.03372	26.08793	27.58564	26.62512	29.02643	28.01599	27.92719	26.95518	27.92719	26.95518	36.457662	35.18285	36.44926	35.18285	36.92265	35.63898
383200	3735100	57.62%	12.597566	12.03957	12.59757	12.02502	12.75471	12.17242	13.45534	12.84194	13.00365	12.41232	13.00365	12.41232	17.080396	16.30645	17.0804	16.30645	17.24791	16.46428
383700	3735100	76.73%	11.505411	10.9867	11.50541	10.9867	11.63298	11.10761	12.27791	11.72358	11.87599	11.34	11.87599	11.34	15.61026	14.90707	15.61026	14.90707	15.75532	15.045
384700	3735100	68.45%	9.705026	9.433682	9.705026	9.433682	9.787472	9.514262	10.33911	10.05081	10.01608	9.737599	10.01608	9.737599	13.186542	12.81426	13.18654	12.81426	13.29619	12.92136
387700	3735100	59.97%	8.249544	7.888669	8.249544	7.888669	8.285559	7.922791	8.766112	8.382403	8.516204	8.143583	8.516204	8.143583	11.225494	10.73483	11.22549	10.73483	11.30233	10.80813
388700	3735100	59.49%	7.903906	7.647424	7.903906	7.647424	7.935188	7.68027	8.396441	8.125925	8.158738	7.894622	8.158738	7.894622	10.758529	10.40645	10.75853	10.40645	10.83045	10.47742
389200	3735100	56.92%	7.613046	7.303684	7.613046	7.303684	7.642503	7.334355	8.086652	7.75933	7.857365	7.536928	7.857365	7.536928	10.365492	9.945198	10.36549	9.945198	10.43419	10.01207
389700	3735100	56.15%	7.368742	7.087567	7.368742	7.087567	7.395486	7.114536	7.825439	7.527813	7.603573	7.313885	7.603573	7.313885	10.037477	9.652723	10.03748	9.652723	10.10279	9.71624
380200	3735600	51.65%	18.721098	18.22654	18.7211	18.22654	19.06484	18.56138	20.06956	19.53968	19.32127	18.81141	19.32127	18.81141	25.320898	24.65095	25.3209	24.65095	25.62357	24.9458
380700	3735600	54.52%	20.873173	20.45316	20.87317	20.45316	21.27632	20.84919	22.39329	21.94349	21.55246	21.11931	21.55246	21.11931	28.197736	27.62861	28.19774	27.62861	28.54695	27.97136
381200	3735600	58.62%	23.43235	22.96614	23.43235	22.96614	23.90123	23.42712	25.1523	24.65321	24.20287	23.72244	24.20287	23.72244	31.628159	30.29851	31.62816	30.29851	32.02972	30.69544
381700	3735600	62.25%	25.169561	24.25444	25.16956	24.25444	25.68187	24.7482	27.02489	26.04261	26.0036	25.05891	26.0036	25.05891	33.953621	32.71752	33.95362	32.71752	34.39046	33.13869
382700	3735600	64.17%	18.698539	16.96549	18.69854	16.96549	19.02561	17.25632	20.03645	18.43305	19.30613	17.51959	19.30613	17.51959	25.253491	22.86038	25.25349	22.86038	25.55419	23.19473
383200	3735600	73.07%	13.556262	12.92004	13.55626	12.72996	13.75125	12.89696	14.49733	13.59846	13.99485	13.13002	13.99485	13.13002	18.360757	17.23061	18.34856	17.23061	18.55403	17.40946
383700	3735600	68.91%	11.730295	10.88652	11.7303	10.88652	11.87382	11.01358	12.52694	11.62135	12.10784	11.23577	12.10784	11.23577	15.907504	14.76952	15.9075	14.76952	16.06202	14.90962
384200	3735600	75.45%	10.454327	10.19404	10.45433	10.19404	10.56234	10.30073	11.15004	10.87372	10.78831	10.52086	10.78831	10.52086	14.194955	13.83824	14.19496	13.77864	14.30298	13.90078
384700	3735600	68.91%	9.816822	9.494715	9.816822	9.494715	9.905913	9.580603	10.46162	10.11857	10.12999	9.798899	10.12999	9.798899	13.337999	12.89779	13.338	12.89779	13.45144	13.00761
385200	3735600	65.00%	9.319559	8.937113	9.319559	8.937113	9.393448	9.008225	9.924784	9.517688	9.617967	9.223325	9.617967	9.223325	12.666695	12.14661	12.6667	12.14661	12.76932	12.24517
385700	3735600	63.91%	8.81703	8.526295	8.81703	8.526295	8.878108	8.585057	9.383644	9.074119	9.099398	8.799672	9.099398	8.799672	11.989097	11.59329	11.9891	11.59329	12.08185	11.6829
386700	3735600	59.37%	8.420259	8.061813	8.420259	8.061813	8.465055	8.105221	8.952412	8.571577	8.690646	8.320381	8.690646	8.320381	11.456575	10.96916	11.45658	10.96916	11.53861	11.0479
388200	3735600	60.17%	7.637531	7.337865	7.637531	7.337865	7.66799	7.368379	8.113093	7.795785	7.882016	7.57337	7.882016	7.57337	10.399534	9.989458	10.39953	9.989458	10.46879	10.05672
388700	3735600	59.97%	7.604316	7.359831	7.604316	7.359831	7.630794	7.389136	8.075005	7.818285	7.847142	7.59611	7.847142	7.59611	10.358034	10.02	10.35803	10.02	10.42496	10.08686
389200	3735600	59.86%	7.472754	7.081485	7.472754	7.081485	7.499479	7.109825	7.936059	7.522006	7.712274	7.30663	7.712274	7.30663	10.17651	9.64567	10.17651	9.64567	10.24279	9.709624
380200	3736100	57.13%	18.091283	17.3584	18.09128	17.3584	18.4237	17.67651	19.39438	18.6084	18.67071	17.9153	18.67071	17.9153	24.46964	23.47733	24.46996	23.47733	24.76246	23.75778
380700	3736100	59.81%	20.255466	19.89271	20.25547	19.89271	20.64243	20.27629	21.7273	21.34083	20.91329	20.53987	20.91329	20.53987	27.368852	26.87404	27.36885	26.87404	27.70529	27.20649
381200	3736100	65.96%	21.559279	20.79122	21.55928	20.79122	21.98019	21.19698	23.13381	22.30963	22.26531	21.47235	22.26531	21.47235	29.112491	28.00455	29.11249	27.95725	29.47628	28.42568
381700	3736100	67.87%	22.926548	22.04507	22.92655	22.04507	23.38279	22.48369	24.60848	23.66249	23.683	22.77336	23.683	22.77336	30.941597	29.75011	30.9416	29.75011	31.33366	30.12725
382200	3736100	72.42%	22.087944	21.33013	22.08794	21.33013	22.51995	21.74808	23.70369	22.89109	22.81816	22.03568	22.81816	22.03568	29.811262	28.78716	29.81126	28.78716	30.18565	29.14913
382700	3736100	66.47%	18.368085	16.91704	18.36809	16.91704	18.69915	17.21476	19.6913	18.13049	18.97117	17.47128	18.97117	17.47128	24.817285	22.8638	24.81729	22.8638	25.11391	23.13328
383700	3736100	65.38%	12.041912	11.38561	12.04191	11.38561	12.19973	11.53249	12.86677	12.16357	12.42931	11.7507	12.42931	11.7507	16.323929	15.43815	16.32393	15.43815	16.4876	15.59157
384200	3736100	66.66%	10.588937	9.873409	10.58894	9.873409	10.70731	9.97794	11.29959	10.53191	10.92682	10.18795	10.92682	10.18795	14.372923	13.40647	14.37292	13.40647	14.50629	13.52783
384700	3736100	75.29%	9.713751	9.424804	9.713751	9.424804	9.807933	9.51614	10.35546	10.04778	10.02233	9.725427	10.02233	9.725427	13.196919	12.73817	13.19692	12.71814	13.31189	12.82861
385200	3736100	66.45%	9.174326	8.796981	9.174326	8.796981	9.251286	8.870879	9.772497	9.370685	9.466532	9.077381	9.466532	9.077381	12.469939	11.95657	12.46994	11.95657	12.57275	12.05524
385700	3736100	62.93%	8.579956	8.29834	8.579956	8.29834	8.643044	8.358872	9.133206	8.833441	8.852754	8.563289	8.852754	8.563289	11.668653	11.28365	11.66865	11.28365	11.76033	11.37229
386200	3736100	58.88%	8.214041	8.007499	8.214041	8.007499	8.266342	8.058831	8.738492	8.519112	8.476138	8.26338	8.476138	8.26338	11.174095	10.89214	11.1741	10.89214	11.25805	10.97423
386700	3736100	59.27%	8.227338	7.860577	8.227338	7.860577	8.273856	7.904914	8.748947	8.35856	8.490801	8.11131	8.490801	8.11131	11.1939	10.69704	11.1939	10.69704	11.27528	10.77455
387700	3736100	58.03%	7.646708	7.405664	7.646708	7.405664	7.679692	7.437958	8.124392	7.868535	7.891076	7.642334	7.891076	7.642334	10.411382	10.08297	10.41138	10.08297	10.48185	10.1514
388200	3736100	58.15%	7.477615	7.216406	7.477615	7.216406	7.505667	7.245046	7.941764	7.66519	7.71619	7.445926	7.71619	7.445926	10.184617	9.829377	10.18462	9.829377	10.25139	9.894444
388700	3736100	54.38%	7.265362	6.926645	7.265362	6.926645	7.291513	6.952577	7.715408	7.356091	7.496567	7.14611	7.496567	7.14611	9.897475	9.437476	9.897475	9.437476	9.961698	9.498997
389700	3736100	52.33%	6.756067	6.468994	6.756067	6.468994	6.77962	6.493075	7.173475	6.869265	6.969231	6.671621	6.969231	6.671621	9.208049	8.81897	9.208049	8.81897	9.26703	8.875915
380200	3736600	58.15%	17.630634	17.18429	17.63063	17.18429	17.951	17.4986	18.89807	18.42145	18.19502	17.73573	18.19502	17.73573	23.849916	23.24193	23.84992	23.24193	24.13316	23.51922

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
380700	3736600	53.40%	18.91121	18.46439	18.91121	18.46439	19.25874	18.80891	20.27404	19.79954	19.5188	19.06077	19.5188	19.06077	25.55869	24.85465	25.55869	24.85465	25.86449	25.15509
381200	3736600	57.86%	20.689717	20.03125	20.68972	20.03125	21.0835	20.41429	22.19269	21.48817	21.36366	20.68541	21.36366	20.68541	27.952292	27.05797	27.95229	27.05797	28.29571	27.39165
381700	3736600	68.17%	20.874389	19.92315	20.87439	19.92315	21.28046	20.30893	22.39831	21.37645	21.55966	20.57713	21.55966	20.57713	28.18536	26.90187	28.18536	26.90187	28.53713	27.23678
382200	3736600	75.53%	19.872921	19.1645	19.87292	19.1645	20.24986	19.52699	21.31726	20.55687	20.52569	19.79438	20.52569	19.79438	26.838009	25.88113	26.83801	25.88113	27.16819	26.19918
382700	3736600	63.91%	17.335236	15.91479	17.33524	15.91479	17.64313	16.19055	18.58029	17.0525	17.90219	16.43306	17.90219	16.43306	23.429044	21.51839	23.42904	21.51839	23.7063	21.76911
384200	3736600	58.67%	10.693042	10.06843	10.69304	10.06843	10.82197	10.1856	11.41707	10.74699	11.03431	10.38878	11.03431	10.38878	14.508232	13.66554	14.50823	13.66554	14.64754	13.79444
384700	3736600	62.87%	9.578557	8.997849	9.578557	8.997849	9.676417	9.084985	10.21444	9.591753	9.8819	9.282236	9.8819	9.282236	13.012147	12.22748	13.01215	12.22748	13.12779	12.33364
385200	3736600	71.62%	8.873539	8.546373	8.873539	8.546373	8.950579	8.620222	9.453372	9.104577	9.154518	8.816953	9.154518	8.816953	12.063005	11.61856	12.06301	11.61856	12.16341	11.71507
385700	3736600	70.17%	8.386204	8.181217	8.386204	8.181217	8.450302	8.244296	8.92815	8.710547	8.651304	8.440702	8.651304	8.440702	11.406953	11.12592	11.40695	11.12592	11.49745	11.21465
386200	3736600	65.75%	8.01859	7.769743	8.01859	7.769743	8.072092	7.821255	8.531725	8.26658	8.272837	8.01562	8.272837	8.01562	10.910155	10.57279	10.91016	10.57279	10.993	10.6528
386700	3736600	64.95%	7.753374	7.518914	7.753374	7.518914	7.798646	7.562654	8.245323	7.995602	7.999762	7.756941	7.999762	7.756941	10.55213	10.23509	10.55213	10.23509	10.62915	10.30953
387200	3736600	61.06%	7.611719	7.390526	7.611719	7.390526	7.65115	7.429158	8.091104	7.856085	7.853027	7.624417	7.853027	7.624417	10.363736	10.0632	10.36374	10.0632	10.43677	10.13421
387700	3736600	58.53%	7.473241	7.255896	7.473241	7.255896	7.506435	7.288409	7.940367	7.709578	7.710838	7.486423	7.710838	7.486423	10.177193	9.881381	10.17719	9.881381	10.24631	9.948587
388200	3736600	58.34%	7.352182	7.119549	7.352182	7.119549	7.381916	7.148156	7.809625	7.562328	7.585505	7.345279	7.585505	7.345279	10.015073	9.698766	10.01507	9.698766	10.08155	9.762998
388700	3736600	56.34%	7.115596	6.885204	7.115596	6.885204	7.141158	6.910622	7.5559	7.311574	7.340621	7.102502	7.340621	7.102502	9.696459	9.383054	9.696459	9.383054	9.75906	9.443877
389200	3736600	53.66%	6.886122	6.645159	6.886122	6.645159	6.908827	6.668277	7.310607	7.055633	7.103085	6.854631	7.103085	6.854631	9.386745	9.057336	9.386745	9.057336	9.446151	9.115289
389700	3736600	52.38%	6.760817	6.403032	6.760817	6.403032	6.781356	6.424758	7.176492	6.797524	6.974219	6.602741	6.974219	6.602741	9.216216	8.732142	9.216216	8.732142	9.273755	8.787301
380200	3737100	61.47%	17.091223	16.53753	17.09122	16.53753	17.39935	16.83787	18.3178	17.72613	17.63707	17.06655	17.63707	17.06655	23.124645	22.37235	23.12465	22.37235	23.39769	22.63781
380700	3737100	57.19%	17.918669	17.21285	17.91867	17.21285	18.24319	17.52646	19.20625	18.45174	18.49311	17.76677	18.49311	17.76677	24.238702	23.10902	24.2387	23.10902	24.52618	23.49658
381200	3737100	65.64%	19.135996	18.74653	19.136	18.74653	19.49299	19.09975	20.52054	20.1058	19.757	19.35687	19.757	19.35687	25.862414	25.33011	25.86241	25.33011	26.17607	25.63937
381700	3737100	72.11%	18.313321	17.71378	18.31332	17.71378	18.65874	18.04752	19.64148	18.99838	18.90964	18.29102	18.90964	18.29102	24.744195	23.93332	24.7442	23.93332	25.04647	24.22563
382200	3737100	76.61%	18.077527	17.13311	18.07753	17.13311	18.41118	17.44656	19.38404	18.36953	18.66541	17.69225	18.66541	17.69225	24.421417	23.15162	24.42142	23.15162	24.71661	23.42992
382700	3737100	67.72%	15.966616	15.16851	15.96662	15.16851	16.24399	15.42836	17.10801	16.25034	16.48512	15.66093	16.48512	15.66093	21.591198	20.51461	21.5912	20.51461	21.84276	20.75183
383200	3737100	68.46%	13.799979	12.91863	13.79998	12.91863	14.01748	13.11727	14.77052	13.82332	14.24514	13.33396	14.24514	13.33396	18.6816	17.49458	18.6816	17.49458	18.88748	17.68456
383700	3737100	70.75%	12.298725	11.29317	12.29873	11.29317	12.475	11.4473	13.15108	12.06991	12.69324	11.65321	12.69324	11.65321	16.665069	15.31197	16.66507	15.31197	16.83944	15.46794
384200	3737100	62.36%	10.876445	10.38025	10.87645	10.38025	11.01579	10.51045	11.61848	11.08614	11.22363	10.71031	11.22363	10.71031	14.751787	14.08328	14.75179	14.08328	14.89761	14.22076
384700	3737100	61.04%	9.64609	9.195887	9.64609	9.195887	9.752042	9.293674	10.29143	9.808736	9.95139	9.486362	9.95139	9.486362	13.099603	12.49151	13.0996	12.49151	13.21967	12.60427
385200	3737100	67.87%	8.781425	8.374237	8.781425	8.374237	8.861922	8.448251	9.357826	8.921898	9.058544	8.63802	9.058544	8.63802	11.937091	11.38634	11.93709	11.38634	12.03837	11.48149
387700	3737100	69.22%	7.370525	7.128966	7.370525	7.128966	7.405418	7.163154	7.832533	7.575968	7.604325	7.35457	7.604325	7.35457	10.037062	9.708998	10.03706	9.708998	10.10619	9.775969
388200	3737100	67.84%	6.949811	6.737427	6.949811	6.737427	6.979009	6.766292	7.382608	7.157172	7.169202	6.949451	7.169202	6.949451	9.468755	9.180473	9.468755	9.180473	9.531902	9.241846
388700	3737100	59.67%	6.937559	6.689571	6.937559	6.689571	6.963195	6.715248	7.367305	7.104163	7.156862	6.899585	7.156862	6.899585	9.453635	9.118175	9.453635	9.118175	9.515001	9.177541
389200	3737100	57.18%	6.818466	6.568078	6.818466	6.568078	6.840126	6.590952	7.238229	6.97334	7.033326	6.773611	7.033326	6.773611	9.294984	8.955441	9.294984	8.955441	9.353425	9.012446
389700	3737100	55.41%	6.677474	6.437954	6.677474	6.437954	6.69692	6.458308	7.08698	6.833991	6.886684	6.640089	6.886684	6.640089	9.106422	8.77793	9.106422	8.77793	9.162555	8.832894
380200	3737600	63.66%	16.027891	15.70176	16.02789	15.70176	16.31149	15.9819	17.17383	16.82648	16.53741	16.20251	16.53741	16.20251	21.694333	21.24791	21.69433	21.24791	21.94723	21.4972
380700	3737600	62.02%	16.667038	16.04466	16.66704	15.99186	16.96213	16.3313	17.85939	17.1948	17.19868	16.50399	17.19868	16.50399	22.555447	21.63588	22.55545	21.63588	22.81892	21.8902
381200	3737600	70.93%	17.601181	16.85135	17.60118	16.85135	17.92594	17.16075	18.87165	18.0666	18.17051	17.39629	18.17051	17.39629	23.794353	22.78195	23.79435	22.78195	24.08067	23.05531
381700	3737600	77.79%	17.222957	16.5741	17.22296	16.5741	17.53811	16.87703	18.46477	17.76885	17.78162	17.11162	17.78162	17.11162	23.281679	22.40499	23.28168	22.40499	23.56076	22.67334
382200	3737600	76.68%	16.484405	15.43417	16.48441	15.43417	16.77983	15.70584	17.66866	16.53939	17.01877	15.9336	17.01877	15.9336	22.287941	20.87253	22.28794	20.87253	22.55198	21.11722
382700	3737600	69.78%	14.830265	13.9666	14.83027	13.9666	15.08101	14.19834	15.885	14.9565	15.30934	14.41666	15.30934	14.41666	20.064406	18.90106	20.06441	18.90106	20.29414	19.11503
383200	3737600	70.94%	13.050827	12.26392	13.05083	12.26392	13.25311	12.44898	13.96568	13.11984	13.46977	12.65626	13.46977	12.65626	17.673982	16.61433	17.67398	16.61433	17.86664	16.7926
383700	3737600	61.98%	11.876949	11.16734	11.87695	11.16734	12.04685	11.32243	12.69946	11.93712	12.25671	11.52299	12.25671	11.52299	16.096299	15.1405	16.0963	15.1405	16.26431	15.29599
384200	3737600	72.22%	10.605085	9.783218	10.60509	9.783218	10.74093	9.901391	11.3282	10.44479	10.94237	10.09222	10.94237	10.09222	14.386346	13.28056	14.38635	13.28056	14.52824	13.40749
384700	3737600	59.40%	9.702452	9.208247	9.702452	9.208247	9.815417	9.311848	10.35588	9.825756	10.00953	9.49905	10.00953	9.49905	13.1722	12.50488	13.1722	12.50488	13.29612	12.62058
385200	3737600	64.67%	8.866609	8.478909	8.866609	8.478909	8.95509	8.561297	9.453456	9.038537	9.146295	8.746203	9.146295	8.746203	12.048686	11.52357	12.04869	11.52357	12.15446	11.62361
385700	3737600	55.94%	8.080412	7.890861	8.080412	7.890861	8.147004	7.956274	8.605278	8.403986	8.333901	8.139439	8.333901	8.139439	10.99207	10.73179	10.99207	10.73179	11.08128	10.8193
386200	3737600	63.28%	7.791433	7.523665	7.791433	7.523665	7.848771	7.578897	8.293071	8.00803	8.036556	7.760551	8.036556	7.760551	10.601824	10.23713	10.60182	10.23713	10.68458	10.31702
386700	3737600	67.67%	7.480235	7.189286	7.480235	7.189286	7.528866	7.235634	7.957601	7.647573	7.715955	7.415037	7.715955	7.415037	10.181528	9.787457	10.18153	9.787457	10.2579	9.86051
387200	3737600	64.87%	7.25485	7.010722	7.25485	7.010722	7.296875	7.051618	7.71438	7.454713	7.483571	7.230858	7.483571	7.230858	9.877754	9.547099	9.877754	9.547099	9.949315	9.616211
387700	3737600	65.58%	7.074236	6.839524	7.074236	6.839524	7.11	6.875608	7.518694	7.27792	7.296959	7.053995	7.296959	7.053995	9.63576	9.316946	9.63576	9.316946	9.702901	9.382428
388200	3737600	67.21%	6.971688	6.81081	6.971688	6.81081	7.002196	6.841672	7.406402	7.236316	7.190891	7.025303	7.190891	7.025303	9.499652	9.279028	9.499652	9.279028	9.563428	9.341919
388700	3737600	63.43%	6.749623	6.567095	6.749623	6.567095	6.775783	6.593463	7.168103	6.974769	6.961523	6.772912	6.961523	6.772912	9.199876	8.951254	9.199876	8.951254	9.259888	9.010025
389200	3737600	60.27%	6.69624	6.443875	6.69624	6.443875	6.718937	6.466137	7.109049	6.841037	6.905984	6.644454	6.905984	6.644454	9.130142	8.788475	9.130142	8.788475	9.187988	8.84409
389700	3737600	60.60%	6.548219	6.325155	6.548219	6.325155	6.567665	6.345511	6.949759	6.714014	6.752409	6.522149	6.752409	6.522149	8.931994	8.627249	8.931994	8.627249	8.987034	8.681134
380200	3738100	67.84%	15.060866	14.57604	15.06087	14.57604	15.32276	14.83001	16.13405	15.61522	15.53799	15.03868	15.53799	15.03868	20.391567	19.65259	20.39157	19.65259	20.62671	19.96121
380700	3738100	67.14%	15.751423	15.15121	15.75142	15.15121	16.02716	15.41681	16.87612	16.2335	16.25386	15.63523	16.25386	15.63523	21.318201	20.50409	21.3182	20.50409	21.56572	20.74247
381200	3738100	71.25%	15.969652	15.21365	15.96965	15.21365	16.25551	15.48358	17.11532	16.30337	16.48273	15.70232	16.48273	15.70232	21.60164	20.58107	21.60164	20.58107	21.85647	20.82252
381700	3738100	75.06%	15.916107	15.33919	15.91611	15.33919	16.19871	15.61056	17.05691	16.43803	16.42908	15.83416	16.42908	15.83416	21.527321	20.74656	21.52732	20.74656	21.78039	20.99007
382200	3738100	75.45%	15.238235	14.22887	15.23824	14.22887	15.50233	14.47141	16.32605	15.24139	15.72966	14.68611	15.72966	14.68611	20.613731	19.25448	20.61373	19.25448	20.85297	19.47544
382700	3738100	72.07%	13.749651	13.24187	13.74965	13.24187	13.97559	13.45759	14.72221	14.17722	14.1908	13.6667	14.1908	13.6667	18.612834	17.92657	18.61283	17.92657	18.822	18.12721
383200	3738100	69.55%	12.47337	11.91369	12.47337	11.91369	12.66442	12.0933	13.34578	12.74471	12.87221	12.29376	12.87221	12.29376	16.89671	16.14224	16.89671	16.14224	17.07938	16.31509
383700	3738100	65.78%	11.209516	10.80511	11.20952	10.80511	11.366	10.95458	11.98252	11.54915	11.56581	11.14801	11.56581	11.14801	15.198733	14.65242	15.19873	14.65242	15.355	14.80224
384200	3738100	65.90%	10.421918	9.869195	10.42192	9.869195	10.5564	9.992872	11.13287	10.53958	10.75223	10.1808	10.75223	10.1808	14.1397	13.39468	14.1397	13.39468	14.2794	13.52491
384700	3738100	66.72%	9.465125	8.89086	9.465125	8.89086	9.574625	8.988681	10.10168	9.485043	9.763312	9.169857	9.763312	9.169857	12.853319	12.07902	12.85332	12.07902	12.97361	12.1893
385200	3738100	63.12%	8.861695	8.405898	8.861695	8.405898	8.954744	8.490734	9.451217	8.962593	9.140783	8.670056	9.140783	8.670056	12.040018	11.42412	12.04002	11.42412	12.14794	11.52469
385700	3738100	57.32%	8.394999	8.042486	8.394999	8.042486	8.471174	8.11266	8.945036	8.567537	8.658383	8.294847	8.658383	8.294847	11.415576	10.9379	11.41558	10.9379	11.51171	11.02862
386200	3738100	56.03%	7.630139	7.386275	7.630139	7.386275	7.687911	7.442169	8.122037	7.862553	7.868692	7.617609	7.868692	7.617609	10.384458	10.05174	10.38446	10.05174	10.46603	10.13076
386700	3738100	60.15%	7.39824	7.170913	7.39824	7.170913	7.447524	7.219015	7.870742	7.629007	7.629944	7.395141	7.629944	7.395141	10.072235	9.763248	10.07224	9.763248	10.14807	9.83686
387200	3738100	66.62%	7.265333	6.955816	7.265333	6.955816	7.309155	6.996803	7.726553	7.396214	7.493881	7.172957	7.493881	7.172957	9.892037	9.474742	9.892037	9.474742	9.964452	9.543264
387700	3738100	65.37%	6.934999	6.723568	6.934999	6.723568	6.971011	6.758916	7.370959	7.146214	7.152052	6.93295	7.152052	6.93295	9.448242	9.162114	9.448242	9.162114	9.51429	9.226161
388200	3738100	64.82%	6.794926	6.575138	6.794926	6.575138	6.826819	6.606492	7.219931	6.98652	7.008074	6.780713	7.008074	6.780713	9.258515	8.960162	9.258515	8.960162	9.321651	9.021353
388700	3738100	64.42%	6.686972	6.510323	6.686972	6.510323	6.714234	6.538096	7.102248	6.915287	6.896134	6.713405	6.896134	6.713405	9.112473	8.864324	9.112473	8.864324	9.172412	8.923055
389200	3738100	65.90%	6.610412	6.381088	6.610412	6.381088	6.633791	6.404787	7.018494	6.775339	6.81716	6.579225	6.81716	6.579225	9.013172	8.702833	9.013172	8.702833	9.070691	8.758643
389700	3738100	66.01%	6.480356	6.210472	6.480356	6.210472	6.500469	6.230574	6.878338	6.591896	6.682489	6.402395	6.682489	6.402395	8.838774	8.47397	8.838774	8.47397	8.89367	8.526633
380200	3738600	75.92%	13.926363	13.49588	13.92636	13.49588	14.16441	13.72654	14.9153	14.45439	14.36588	13.92208	14.36588	13.92208	18.861825	18.27813	18.86183	18.27813	19.07689	18.48656
380700	3738600	75.48%	14.272751	13.7533	14.27275	13.7533	14.51958	13.9899	15.2893	14.73187	14.72638	14.19012	14.72638	14.19012	19.322485	18.62076	19.32249	18.62076	19.54492	18.8344
381200	3738600	72.25%	14.51677	13.9585	14.51677	13.9585	14.76868	14.19968	15.5519	14.95298	14.98012	14.40381	14.98012	14.40381	19.647747	18.89368	19.64775	18.89368	19.87487	19.1114
381700	3738600	74.97%	14.558652	14.06698	14.55865	14.06698	14.80882	14.30796	15.59551	15.06837	15.02481	14.51761	15.02481	14.51761	19.703215	19.03769	19.70322	19.03769	19.92992	19.25644
382200	3738600	71.70%	14.13448	13.22451	14.13448	13.22451	14.37185	13.44317	15.1375	14.16022	14.58737	13.64691	14.58737	13.64691	19.131658	17.90527	19.13166	17.90527	19.34919	18.10675
382700	3738600	68.10%	13.068056	12.45678	13.06806	12.45678	13.27736	12.65416	13.98791	13.33215	13.48484	12.8542	13.48484	12.8542	17.689225	16.87189	17.68923	16.87189	17.88515	17.05744
383200	3738600	68.66%	11.955742	11.3636	11.95574	11.3636	12.13486	11.53168	12.78871	12.15334	12.33642	11.72379	12.33642	11.72379	16.201433	15.40385	16.20143	15.40385	16.37423	15.56671
383700	3738600	71.47%	10.743022	10.16444	10.74302	10.16444	10.89059	10.29997	11.48167	10.86015	11.08265	10.48451	11.08265	10.48451	14.571622	13.79209	14.57162	13.79209	14.71987	13.93011
384200	3738600	60.91%	10.122173	9.639852	10.12217	9.639852	10.25233	9.760377	10.81192	10.29412	10.44156	9.943101	10.44156	9.943101	13.736366	13.08594	13.73637	13.08594	13.87154	13.21279
384700	3738600	71.44%	9.439879	8.772061	9.439879	8.772061	9.551641	8.869319	10.0763	9.358441	9.73671	9.046136	9.73671	9.046136	12.818685	11.9197	12.81869	11.9197	12.93978	12.02864
385200	3738600	57.23%	8.674292	8.37032	8.674292	8.37032	8.764788	8.456311	9.250567	8.925331	8.946271	8.632184	8.946271	8.632184	11.78835	11.37735	11.78835	11.37735	11.89346	11.47801
385700	3738600	57.57%	8.268848	7.84593	8.268848	7.84593	8.347923	7.916967	8.813138	8.359577	8.527493	8.091094	8.527493	8.091094	11.243156	10.67118	11.24316	10.67118	11.3397	10.76076
386200	3738600	59.82%	7.762215	7.446789	7.762215	7.446789	7.826708	7.506825	8.266383	7.929231	8.004495	7.679254	8.004495	7.679254	10.561479	10.13338	10.56148	10.13338	10.6472	10.21472
386700	3738600	56.83%	7.313819	7.085028	7.313819	7.085028	7.364981	7.134445	7.782204	7.538817	7.541653	7.306191	7.541653	7.306191	9.958348	9.645999	9.958348	9.645999	10.03428	9.719576

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
387200	3738600	57.95%	6.978714	6.720642	6.978714	6.720642	7.021867	6.761533	7.421844	7.146753	7.196238	6.929548	7.196238	6.929548	9.505355	9.155487	9.505355	9.155487	9.575041	9.222161
387700	3738600	64.27%	6.790233	6.576288	6.790233	6.576288	6.828142	6.612884	7.218635	6.990939	7.001914	6.780754	7.001914	6.780754	9.251152	8.960903	9.251152	8.960903	9.316951	9.024464
388200	3738600	65.76%	6.701899	6.412747	6.701899	6.412747	6.73467	6.444218	7.121781	6.814141	6.911472	6.611865	6.911472	6.611865	9.132286	8.741236	9.132286	8.741236	9.195069	8.801102
388700	3738600	62.21%	6.43631	6.28071	6.43631	6.28071	6.463603	6.308819	6.839359	6.672113	6.636419	6.468788	6.636419	6.468788	8.775508	8.552841	8.775508	8.552841	8.833512	8.610043
389200	3738600	62.79%	6.480702	6.259921	6.480702	6.259921	6.505427	6.284814	6.881755	6.647784	6.669272	6.454266	6.669272	6.454266	8.819593	8.53246	8.819593	8.53246	8.876452	8.587951
389700	3738600	61.25%	6.352131	6.129616	6.352131	6.129616	6.373075	6.151459	6.742788	6.507371	6.549337	6.318835	6.549337	6.318835	8.665095	8.362824	8.665095	8.362824	8.719336	8.415759
380200	3739100	74.83%	12.871917	12.53338	12.87192	12.53338	13.08792	12.74339	13.78273	13.42008	13.27633	12.92727	13.27633	12.92727	17.440139	16.98151	17.44014	16.98151	17.63651	17.17261
380700	3739100	73.52%	13.591789	13.12474	13.59179	13.12474	13.82059	13.34577	14.5549	14.05487	14.02157	13.53976	14.02157	13.53976	18.409061	17.77658	18.40906	17.77658	18.61743	17.97782
381200	3739100	69.62%	13.736511	12.98474	13.73651	12.98474	13.96867	13.20111	14.71121	13.90365	14.17329	13.39654	14.17329	13.39654	18.599615	17.58556	18.59962	17.58556	18.81096	17.78379
381700	3739100	77.41%	13.342446	12.78693	13.34245	12.78693	13.56535	12.99858	14.28733	13.69116	13.76643	13.19322	13.76643	13.19322	18.067906	17.31722	18.06791	17.31722	18.2719	17.51173
382200	3739100	70.85%	13.067888	12.25783	13.06789	12.25783	13.28076	12.45301	13.98982	13.11941	13.48347	12.64709	13.48347	12.64709	17.698818	16.60577	17.69882	16.60577	17.89614	16.78845
382700	3739100	67.04%	12.338395	11.83484	12.3384	11.83484	12.53053	12.01809	13.20249	12.66302	12.72978	12.21037	12.72978	12.21037	16.718533	16.03662	16.71853	16.03662	16.90022	16.21043
383200	3739100	69.96%	11.555995	10.9341	11.556	10.9341	11.72682	11.093	12.35913	11.69163	11.9226	11.2792	11.9226	11.2792	15.664063	14.82649	15.66406	14.82649	15.82965	14.98156
383700	3739100	69.79%	10.380347	10.02282	10.38035	10.02282	10.52031	10.1569	11.09182	10.70885	10.70697	10.33748	10.70697	10.33748	14.084579	13.60167	14.08458	13.60167	14.2262	13.73776
384200	3739100	62.72%	9.7294	9.39385	9.7294	9.39385	9.85153	9.510379	10.38982	10.03042	10.0346	9.688116	10.0346	9.688116	13.209021	12.75519	13.20902	12.75519	13.33713	12.87811
384700	3739100	63.36%	9.157688	8.823379	9.157688	8.823379	9.264343	8.924697	9.773447	9.415526	9.444228	9.098947	9.444228	9.098947	12.43957	11.98744	12.43957	11.98744	12.55591	12.09871
385200	3739100	65.54%	8.66996	8.028478	8.66996	8.028478	8.761928	8.107484	9.246777	8.557926	8.941107	8.277923	8.941107	8.277923	11.782974	10.91852	11.78297	10.91852	11.88865	11.01302
385700	3739100	57.22%	7.984705	7.688734	7.984705	7.688734	8.060554	7.760015	8.509561	8.193002	8.233225	7.928236	8.233225	7.928236	10.859776	10.45792	10.85978	10.45792	10.9525	10.54638
386200	3739100	57.90%	7.753954	7.353846	7.753954	7.353846	7.821748	7.414695	8.259711	7.83111	7.995473	7.58267	7.995473	7.58267	10.549224	10.0075	10.54922	10.0075	10.63641	10.08845
386700	3739100	60.75%	7.352881	7.024083	7.352881	7.024083	7.408909	7.076337	7.826834	7.475962	7.581755	7.242655	7.581755	7.242655	10.009059	9.562438	10.00906	9.562438	10.08764	9.636858
387200	3739100	58.36%	6.922584	6.671629	6.922584	6.671629	6.967538	6.715135	7.36338	7.09642	7.137628	6.878421	7.137628	6.878421	9.429128	9.088136	9.429128	9.088136	9.499185	9.155648
387700	3739100	57.47%	6.635955	6.418777	6.635955	6.418777	6.673368	6.455417	7.054581	6.823712	6.84188	6.616993	6.84188	6.616993	9.042733	8.748527	9.042733	8.748527	9.107034	8.810765
388200	3739100	62.38%	6.501549	6.212194	6.501549	6.212194	6.535057	6.243957	6.909617	6.601383	6.703509	6.403366	6.703509	6.403366	8.861131	8.470733	8.861131	8.470733	8.922612	8.529017
388700	3739100	64.11%	6.393361	6.181765	6.393361	6.181765	6.422793	6.21004	6.792194	6.567249	6.591771	6.373495	6.591771	6.373495	8.716274	8.428114	8.716274	8.428114	8.774968	8.484758
389200	3739100	62.61%	6.201814	6.021545	6.201814	6.021545	6.226674	6.045724	6.58595	6.394648	6.393462	6.207964	6.393462	6.207964	8.459136	8.212516	8.459136	8.212516	8.514097	8.265958
389700	3739100	65.16%	6.198664	5.976422	6.198664	5.976422	6.220446	5.998354	6.580619	6.344951	6.383243	6.160206	6.383243	6.160206	8.446815	8.150569	8.446815	8.150569	8.500137	8.202287
380200	3739600	73.72%	12.410681	12.07114	12.41068	12.07114	12.61442	12.26915	13.28533	12.92172	12.79895	12.44882	12.79895	12.44882	16.821196	16.35992	16.8212	16.35992	17.00806	16.54156
380700	3739600	73.70%	12.335219	12.04277	12.33522	12.04277	12.53788	12.2411	13.20496	12.89237	12.72217	12.42098	12.72217	12.42098	16.716704	16.3193	16.7167	16.3193	16.90271	16.50121
381200	3739600	77.67%	12.411522	11.83709	12.41152	11.83709	12.61503	12.02897	13.28687	12.67043	12.80267	12.20989	12.80267	12.20989	16.816722	16.04028	16.81672	16.04028	17.00399	16.2178
381700	3739600	75.65%	12.52371	11.94194	12.52371	11.94194	12.72623	12.13397	13.40553	12.78179	12.91976	12.31859	12.91976	12.31859	16.967526	16.18222	16.96753	16.18222	17.15548	16.36057
382200	3739600	71.77%	12.066788	11.47378	12.06679	11.47378	12.25686	11.65225	12.91284	12.27661	12.44792	11.8358	12.44792	11.8358	16.352602	15.5512	16.3526	15.5512	16.53107	15.71972
382700	3739600	66.25%	11.607569	11.04496	11.60757	11.04496	11.78351	11.21071	12.41668	11.81356	11.97393	11.39303	11.97393	11.39303	15.735222	14.97465	15.73522	14.97465	15.90341	15.13382
383200	3739600	71.85%	10.939028	10.25061	10.93903	10.25061	11.09609	10.39495	11.70434	10.95689	11.28396	10.57162	11.28396	10.57162	14.835172	13.90796	14.83517	13.90796	14.9892	14.05049
383700	3739600	66.12%	10.100844	9.815596	10.10084	9.815596	10.23578	9.946692	10.79196	10.48715	10.41757	10.1233	10.41757	10.1233	13.708471	13.32151	13.70847	13.32151	13.84545	13.4546
384200	3739600	65.05%	9.395357	8.888605	9.395357	8.888605	9.510899	8.994407	10.03107	9.487353	9.688725	9.16522	9.688725	9.16522	12.75988	12.07587	12.75988	12.07587	12.88213	12.18961
384700	3739600	63.35%	8.972972	8.563771	8.972972	8.563771	9.07723	8.660633	9.575843	9.137114	9.25274	8.829981	9.25274	8.829981	12.190896	11.63834	12.1909	11.63834	12.30458	11.74537
385200	3739600	61.77%	8.573109	8.052571	8.573109	8.052571	8.665235	8.134473	9.144048	8.585274	8.840476	8.302296	8.840476	8.302296	11.652204	10.95057	11.6522	10.95057	11.75714	11.04658
385700	3739600	58.02%	7.836256	7.444124	7.836256	7.444124	7.911687	7.512153	8.351783	7.931257	8.079325	7.674599	8.079325	7.674599	10.658982	10.12879	10.65898	10.12879	10.75031	10.21368
386200	3739600	58.52%	7.547453	7.335927	7.547453	7.335927	7.613424	7.399733	8.039464	7.814017	7.781652	7.563804	7.781652	7.563804	10.270147	9.982006	10.27015	9.982006	10.35484	10.06422
386700	3739600	58.29%	7.306691	6.93743	7.306691	6.93743	7.365703	6.990619	7.779767	7.384573	7.5336	7.152536	7.5336	7.152536	9.945214	9.445107	9.945214	9.445107	10.02484	9.519235
387200	3739600	61.68%	6.970422	6.614035	6.970422	6.614035	7.01938	6.659262	7.416726	7.036371	7.186818	6.818331	7.186818	6.818331	9.492238	9.009894	9.492238	9.009894	9.564578	9.077722
387700	3739600	59.20%	6.643912	6.393808	6.643912	6.393808	6.684157	6.432383	7.064894	6.798481	6.849958	6.59095	6.849958	6.59095	9.05209	8.713858	9.05209	8.713858	9.117823	8.776827
388200	3739600	59.22%	6.338561	6.147161	6.338561	6.147161	6.371726	6.179784	6.736416	6.532965	6.534426	6.335922	6.534426	6.335922	8.64083	8.382177	8.64083	8.382177	8.700841	8.440352
388700	3739600	58.70%	6.255458	5.993456	6.255458	5.993456	6.285477	6.021748	6.646441	6.367214	6.449321	6.177495	6.449321	6.177495	8.528077	8.174793	8.528077	8.174793	8.586056	8.229787
389200	3739600	64.86%	6.113886	5.912911	6.113886	5.912911	6.139936	5.938212	6.493535	6.279947	6.302531	6.094686	6.302531	6.094686	8.338887	8.0661	8.338887	8.0661	8.393774	8.119096
389700	3739600	62.10%	5.969821	5.742933	5.969821	5.742933	5.992564	5.765145	6.338618	6.097521	6.15375	5.918477	6.15375	5.918477	8.144634	7.83785	8.144634	7.83785	8.196845	7.887967
380200	3740100	73.74%	11.983037	11.48217	11.98304	11.48217	12.17532	11.66476	12.8242	12.2868	12.35687	11.83957	12.35687	11.83957	16.153568	15.56679	16.15357	15.56679	16.33016	15.73634
380700	3740100	72.90%	11.659654	11.29719	11.65965	11.29719	11.84581	11.47774	12.47765	12.08974	12.02388	11.64969	12.02388	11.64969	15.807893	15.31723	15.80789	15.31723	15.9808	15.4847
381200	3740100	78.34%	11.679069	11.13254	11.67907	11.13254	11.86504	11.30769	12.49841	11.91195	12.04501	11.48088	12.04501	11.48088	15.832165	15.0937	15.83217	15.0937	16.00533	15.25756
381700	3740100	74.89%	11.70612	11.20495	11.70612	11.20495	11.88951	11.38002	12.52565	11.98886	12.07403	11.55639	12.07403	11.55639	15.868406	15.19078	15.86841	15.19078	16.04064	15.35529
382200	3740100	71.15%	11.293273	10.8089	11.29327	10.8089	11.4657	10.97222	12.08061	11.56131	11.64741	11.14782	11.64741	11.14782	15.313201	14.65755	15.3132	14.65755	15.47699	14.8135
382700	3740100	66.35%	10.871966	10.42992	10.87197	10.42992	11.03196	10.58244	11.62588	11.15249	11.21295	10.75695	11.21295	10.75695	14.745622	14.1468	14.74562	14.1468	14.90038	14.29474
383200	3740100	73.86%	10.324125	9.908832	10.32413	9.908832	10.4687	10.04775	11.03481	10.59086	10.64711	10.21823	10.64711	10.21823	13.998392	13.44552	13.99839	13.44552	14.14763	13.58395
383700	3740100	64.43%	9.686602	9.339904	9.686602	9.339904	9.814617	9.461645	10.34797	9.976358	9.98881	9.631	9.98881	9.631	13.150384	12.68139	13.15038	12.68139	13.28077	12.80622
384200	3740100	68.33%	8.993168	8.55794	8.993168	8.55794	9.101658	8.658278	9.599851	9.132977	9.27272	8.822948	9.27272	8.822948	12.217656	11.63039	12.21766	11.63039	12.3334	11.7389
384700	3740100	65.74%	8.665241	8.378509	8.665241	8.378509	8.763496	8.472587	9.245361	8.938644	8.934028	8.637882	8.934028	8.637882	11.77732	11.38927	11.77732	11.38927	11.88563	11.49344
385200	3740100	64.63%	8.346778	7.990607	8.346778	7.990607	8.435671	8.073407	8.901745	8.520099	8.605913	8.237932	8.605913	8.237932	11.347574	10.86639	11.34757	10.86639	11.44912	10.96231
385700	3740100	63.64%	7.784537	7.330923	7.784537	7.330923	7.862096	7.398873	8.298288	7.810971	8.025539	7.556863	8.025539	7.556863	10.587995	9.97635	10.588	9.97635	10.67992	10.06022
386200	3740100	56.80%	7.380374	7.07384	7.380374	7.07384	7.445171	7.133032	7.861438	7.532865	7.608601	7.292267	7.608601	7.292267	10.044313	9.62964	10.04431	9.62964	10.1271	9.707493
386700	3740100	60.54%	7.204825	6.936329	7.204825	6.936329	7.263299	6.99114	7.671343	7.384302	7.428056	7.150755	7.428056	7.150755	9.807454	9.443979	9.807454	9.443979	9.886022	9.518772
387200	3740100	58.31%	6.944665	6.571229	6.944665	6.571229	6.996575	6.617688	7.391286	6.991737	7.159725	6.773793	7.159725	6.773793	9.456333	8.951516	9.456333	8.951516	9.529843	9.019574
387700	3740100	61.87%	6.635939	6.311616	6.635939	6.311616	6.679286	6.351109	7.058384	6.711787	6.841218	6.505391	6.841218	6.505391	9.040368	8.602736	9.040368	8.602736	9.10747	8.665421
388200	3740100	61.66%	6.347164	6.139883	6.347164	6.139883	6.383274	6.174014	6.747457	6.526221	6.543045	6.32822	6.543045	6.32822	8.651263	8.371679	8.651263	8.371679	8.712725	8.430517
388700	3740100	57.50%	6.122462	5.921422	6.122462	5.921422	6.152475	5.950568	6.505326	6.291272	6.311439	6.102499	6.311439	6.102499	8.347951	8.077348	8.347951	8.077348	8.40487	8.132123
389200	3740100	57.14%	5.979531	5.785129	5.979531	5.785129	6.006192	5.810187	6.351451	6.144213	6.16342	5.962222	6.16342	5.962222	8.156172	7.893235	8.156172	7.893235	8.210324	7.945086
389700	3740100	62.50%	5.835008	5.647093	5.835008	5.647093	5.858375	5.668897	6.195922	5.995664	6.013711	5.819508	6.013711	5.819508	7.962276	7.707498	7.962276	7.707498	8.013667	7.756724
380200	3740600	73.10%	11.256605	10.7575	11.25661	10.7575	11.43205	10.92325	12.04252	11.50708	11.6054	11.09019	11.6054	11.09019	15.270138	14.48282	15.27014	14.48282	15.43438	14.63696
380700	3740600	73.37%	10.822197	10.46028	10.8222	10.46028	10.99012	10.62148	11.5774	11.18942	11.15792	10.78461	11.15792	10.78461	14.680519	14.19069	14.68052	14.19069	14.83813	14.3424
381200	3740600	74.51%	11.166262	10.48354	11.16626	10.48354	11.33963	10.64187	11.94605	11.21231	11.51432	10.80927	11.51432	10.80927	15.143704	14.22271	15.1437	14.22271	15.30669	14.37334
381700	3740600	77.83%	10.79594	10.45055	10.79594	10.45055	10.96014	10.60896	11.54751	11.17776	11.1323	10.77634	11.1323	10.77634	14.643915	14.17542	14.64392	14.17542	14.7997	14.32604
382200	3740600	70.67%	10.611986	10.2313	10.61199	10.2313	10.76895	10.38194	11.34776	10.94019	10.9427	10.55008	10.9427	10.55008	14.397032	13.88109	14.39703	13.88109	14.54807	14.02638
382700	3740600	68.29%	10.307937	9.931571	10.30794	9.931571	10.4558	10.07298	11.01952	10.61654	10.62922	10.24138	10.62922	10.24138	13.987315	13.47673	13.98732	13.47673	14.1317	13.61545
383200	3740600	73.38%	9.807553	9.437902	9.807553	9.437902	9.941256	9.56654	10.47964	10.08453	10.11253	9.731017	10.11253	9.731017	13.314186	12.81319	13.31419	12.81319	13.44802	12.94188
383700	3740600	65.11%	9.327176	8.954803	9.327176	8.954803	9.448333	9.068872	9.962186	9.562824	9.616917	9.232619	9.616917	9.232619	12.666443	12.16286	12.66644	12.16286	12.79071	12.28099
384200	3740600	68.63%	8.774736	8.410962	8.774736	8.410962	8.880263	8.510166	9.366241	8.976265	9.046796	8.670588	9.046796	8.670588	11.922605	11.43201	11.92261	11.43201	12.03523	11.53879
384700	3740600	62.87%	8.290484	7.864268	8.290484	7.864268	8.384594	7.949856	8.845315	8.387637	8.54675	8.105936	8.54675	8.105936	11.269797	10.69576	11.2698	10.69576	11.3733	10.79185
385200	3740600	64.30%	8.061048	7.724914	8.061048	7.724914	8.146678	7.804297	8.596579	8.236	8.31037	7.962882	8.31037	7.962882	10.961276	10.50787	10.96128	10.50787	11.05905	10.60006
385700	3740600	61.62%	7.657334	7.37603	7.657334	7.37603	7.732531	7.446236	8.161777	7.860177	7.89381	7.60301	7.89381	7.60301	10.416926	10.03737	10.41693	10.03737	10.5067	10.12259
386200	3740600	63.03%	7.484245	6.932657	7.484245	6.932657	7.551186	6.987548	7.972879	7.379952	7.715527	7.145296	7.715527	7.145296	10.18519	9.44241	10.18519	9.44241	10.26974	9.516896
386700	3740600	56.41%	7.011398	6.718531	7.011398	6.718531	7.068026	6.770494	7.464945	7.151272	7.227782	6.924904	7.227782	6.924904	9.546138	9.150908	9.546138	9.150908	9.622298	9.222558
387200	3740600	62.30%	6.801929	6.498686	6.801929	6.498686	6.853709	6.545646	7.239668	6.914994	7.011473	6.698199	7.011473	6.698199	9.263733	8.853754	9.263733	8.853754	9.335964	8.921423
387700	3740600	60.13%	6.610138	6.260281	6.610138	6.260281	6.656137	6.301058	7.03264	6.65824	6.813895	6.4523	6.813895	6.4523	9.004967	8.532135	9.004967	8.532135	9.073064	8.595075
388200	3740600	65.75%	6.302918	6.004403	6.302918	6.004403	6.341559	6.039209	6.702045	6.382756	6.496576	6.187198	6.496576	6.187198	8.591071	8.189007	8.591071	8.189007	8.653305	8.246976
388700	3740600	60.34%	6.07003	5.82704	6.07003	5.82704	6.102221	5.857464	6.451089	6.191778	6.256809	6.003926	6.256809	6.003926	8.276168	7.950299	8.276168	7.950299	8.333685	8.004806
389200	3740600	60.23%	5.876939	5.699151	5.876939	5.699151	5.904096	5.724825	6.242998	6.053306	6.057262	5.872745	6.057262	5.872745	8.016472	7.777114	8.016472	7.777114	8.070082	7.828533
389700	3740600	57.72%	5.743133	5.56888	5.743133	5.56888	5.76654	5.59111	6.09851	5.912906	5.918612	5.738207	5.918612	5.738207	7.83749	7.601771	7.83749	7.601771	7.888203	7.650547
380200	3741100	72.14%	10.672794	10.12796	10.67279	10.12796	10.83559	10.27963	11.41503	10.83009	11.00179	10.43919	11.00179	10.43919	14.484133	13.74853	14.48413	13.74853	14.63774	13.89272

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	2026_ALT1_CAAQS	2026_ALT1_NAAQS	2026_NP_CAAQS	2026_NP_NAAQS	2026_ALT3_CAAQS	2026_ALT3_NAAQS	2026_ALT4_CAAQS	2026_ALT4_NAAQS	2026_ALT5_CAAQS	2026_ALT5_NAAQS	2026_PP_CAAQS	2026_PP_NAAQS	2033_ALT1_CAAQS	2033_ALT1_NAAQS	2033_NP_CAAQS	2033_NP_NAAQS	2033_ALT3_CAAQS	2033_ALT3_NAAQS
380700	3741100	69.60%	10.568698	10.1915	10.5687	10.1915	10.72831	10.34402	11.30285	10.89851	10.89528	10.50644	10.89528	10.50644	14.342136	13.83112	14.34214	13.83112	14.49361	13.97648
381200	3741100	73.86%	10.525133	9.932729	10.52513	9.932729	10.68386	10.07944	11.25646	10.62036	10.85151	10.23931	10.85151	10.23931	14.280727	13.48183	14.28073	13.48183	14.4317	13.62254
381700	3741100	75.98%	10.273655	9.936093	10.27366	9.936093	10.42487	10.08169	10.98491	10.62354	10.59201	10.244	10.59201	10.244	13.942282	13.48461	13.94228	13.48461	14.08782	13.62499
382200	3741100	70.53%	9.996529	9.697513	9.996529	9.697513	10.14024	9.836551	10.68629	10.36644	10.30634	9.998226	10.30634	9.998226	13.568284	13.16232	13.56828	13.16232	13.70819	13.29785
382700	3741100	68.68%	9.733257	9.406876	9.733257	9.406876	9.86866	9.537664	10.40183	10.0529	10.03506	9.698299	10.03506	9.698299	13.213419	12.77097	13.21342	12.77097	13.34741	12.90038
383200	3741100	73.00%	9.330437	9.054565	9.330437	9.054565	9.454411	9.175315	9.967231	9.672788	9.619225	9.334664	9.619225	9.334664	12.671334	12.29675	12.67133	12.29675	12.79681	12.41869
383700	3741100	68.11%	9.02607	8.585273	9.02607	8.585273	9.141504	8.692315	9.638916	9.166209	9.305046	8.85025	9.305046	8.85025	12.250375	11.66381	12.25038	11.66381	12.3697	11.77568
384200	3741100	65.69%	8.459134	8.272725	8.459134	8.272725	8.55936	8.371227	9.028033	8.82922	8.7204	8.527578	8.7204	8.527578	11.496868	11.24462	11.49687	11.24462	11.60452	11.35
384700	3741100	66.34%	8.011962	7.644805	8.011962	7.644805	8.099995	7.725861	8.545775	8.151776	8.258306	7.878619	8.258306	7.878619	10.895777	10.40097	10.89578	10.40097	10.99411	10.49311
385200	3741100	58.28%	7.710417	7.491372	7.710417	7.491372	7.791084	7.568397	8.221474	7.986782	7.947801	7.721319	7.947801	7.721319	10.487568	10.19195	10.48757	10.19195	10.58026	10.28121
385700	3741100	64.58%	7.45832	7.225013	7.45832	7.225013	7.531893	7.294733	7.949679	7.699685	7.688016	7.446644	7.688016	7.446644	10.14732	9.832742	10.14732	9.832742	10.2348	9.916552
386200	3741100	61.57%	7.276961	6.931317	7.276961	6.931317	7.343651	6.990868	7.752949	7.381712	7.501215	7.143947	7.501215	7.143947	9.903437	9.437593	9.903437	9.437593	9.986312	9.514386
386700	3741100	54.71%	6.882696	6.540949	6.882696	6.540949	6.939256	6.59099	7.328339	6.961568	7.094354	6.740833	7.094354	6.740833	9.371905	8.911564	9.371905	8.911564	9.446986	8.980854
387200	3741100	58.00%	6.635609	6.36967	6.635609	6.36967	6.685927	6.415717	7.062285	6.777445	6.839269	6.564302	6.839269	6.564302	9.038965	8.679912	9.038965	8.679912	9.109203	8.746056
387700	3741100	61.54%	6.510603	6.17931	6.510603	6.17931	6.556743	6.22115	6.927147	6.572908	6.71074	6.367896	6.71074	6.367896	8.870037	8.422776	8.870037	8.422776	8.937412	8.485493
388200	3741100	61.18%	6.351353	5.990439	6.351353	5.990439	6.392355	6.026129	6.755019	6.368664	6.546717	6.173157	6.546717	6.173157	8.655341	8.168649	8.655341	8.168649	8.719115	8.227024
388700	3741100	64.52%	6.070642	5.780536	6.070642	5.780536	6.10531	5.811299	6.453253	6.142729	6.256895	5.955933	6.256895	5.955933	8.276619	7.88668	8.276619	7.88668	8.33525	7.941013
389200	3741100	59.47%	5.842852	5.62702	5.842852	5.62702	5.871531	5.654333	6.207938	5.977737	6.02217	5.797479	6.02217	5.797479	7.968909	7.679433	7.968909	7.679433	8.023033	7.730983
389700	3741100	58.44%	5.66175	5.478209	5.66175	5.478209	5.686244	5.501367	6.012974	5.817265	5.834467	5.643961	5.834467	5.643961	7.726133	7.47889	7.726133	7.47889	7.776762	7.527356
380200	3741600	73.52%	9.991862	9.728823	9.991862	9.728823	10.13892	9.87247	10.68258	10.40157	10.29816	10.02669	10.29816	10.02669	13.566932	13.21024	13.56693	13.21024	13.70775	13.34754
380700	3741600	71.37%	10.064574	9.613056	10.06457	9.613056	10.21318	9.752743	10.76098	10.27647	10.37419	9.908021	10.37419	9.908021	13.663058	13.05315	13.66306	13.05315	13.80538	13.18778
381200	3741600	74.55%	9.75034	9.258464	9.75034	9.258464	9.892934	9.39127	10.42419	9.896091	10.05067	9.542119	10.05067	9.542119	13.236519	12.5736	13.23652	12.5736	13.37384	12.70237
381700	3741600	77.31%	9.630163	9.345727	9.630163	9.345727	9.76735	9.478592	10.29318	9.988909	9.926632	9.633213	9.926632	9.633213	13.076011	12.69043	13.07601	12.69043	13.20975	12.82005
382200	3741600	70.00%	9.506784	9.220012	9.506784	9.220012	9.640109	9.348763	10.16003	9.853179	9.799934	9.504336	9.799934	9.504336	12.908818	12.51973	12.90882	12.51973	13.0399	12.64659
382700	3741600	68.80%	9.183267	8.892765	9.183267	8.892765	9.306912	9.013149	9.810808	9.50065	9.466478	9.166183	9.466478	9.166183	12.472653	12.07944	12.47265	12.07944	12.59675	12.19976
383200	3741600	74.43%	8.842302	8.655581	8.842302	8.655581	8.956712	8.768408	9.443264	9.244467	9.11457	8.922247	9.11457	8.922247	12.013345	11.75881	12.01335	11.75881	12.13047	11.8739
383700	3741600	70.69%	8.583639	8.152887	8.583639	8.152887	8.690856	8.251898	9.16434	8.702247	8.84774	8.402766	8.84774	8.402766	11.659406	11.08321	11.65522	11.08321	11.77653	11.18778
384200	3741600	63.31%	8.220053	7.94823	8.220053	7.94823	8.317138	8.04123	8.772434	8.481403	8.473195	8.191835	8.473195	8.191835	11.173663	10.80721	11.17366	10.80721	11.27797	10.90741
384700	3741600	66.92%	7.743133	7.39182	7.743133	7.39182	7.827546	7.469177	8.25833	7.881039	7.980392	7.616946	7.980392	7.616946	10.532387	10.05943	10.53239	10.05943	10.62693	10.14784
385200	3741600	60.51%	7.538214	7.173045	7.538214	7.173045	7.616887	7.244289	8.037496	7.645287	7.769484	7.39185	7.769484	7.39185	10.255177	9.763379	10.25518	9.763379	10.34555	9.847345
385700	3741600	63.81%	7.283553	7.025629	7.283553	7.025629	7.355373	7.093315	7.763166	7.486813	7.507179	7.240192	7.507179	7.240192	9.91104	9.563526	9.91104	9.563526	9.996318	9.644771
386200	3741600	64.11%	6.952114	6.740977	6.952114	6.740977	7.015568	6.800776	7.406352	7.180085	7.165248	6.947115	7.165248	6.947115	9.463884	9.178636	9.463884	9.178636	9.54272	9.254119
386700	3741600	62.01%	6.776433	6.401548	6.776433	6.401548	6.834185	6.451683	7.216389	6.813832	6.984107	6.596675	6.984107	6.596675	9.22744	8.721965	9.22744	8.721965	9.302242	8.790244
387200	3741600	55.16%	6.449977	6.215528	6.449977	6.215528	6.498177	6.260511	6.863998	6.613229	6.647191	6.404669	6.647191	6.404669	8.788114	8.471503	8.788114	8.471503	8.855894	8.535907
387700	3741600	60.22%	6.375633	6.054776	6.375633	6.054776	6.420675	6.095823	6.78326	6.440254	6.571042	6.238817	6.571042	6.238817	8.687462	8.254591	8.687462	8.254591	8.753265	8.315935
388200	3741600	59.88%	6.23875	5.915062	6.23875	5.915062	6.280045	5.952782	6.635757	6.290085	6.43003	6.09505	6.43003	6.09505	8.502514	8.065198	8.502514	8.065198	8.565547	8.123983
388700	3741600	60.44%	6.036883	5.691196	6.036883	5.691196	6.073773	5.722822	6.418883	6.04865	6.221707	5.863685	6.221707	5.863685	8.229912	7.764298	8.229912	7.764298	8.289341	7.818425
389200	3741600	64.00%	5.825201	5.539573	5.825201	5.539573	5.856249	5.566927	6.190751	5.885089	6.003647	5.707186	6.003647	5.707186	7.94397	7.560253	7.94397	7.560253	7.999085	7.611185
389700	3741600	58.11%	5.606445	5.459431	5.606445	5.459431	5.632109	5.484042	5.955144	5.798473	5.777327	5.624996	5.777327	5.624996	7.65011	7.451491	7.65011	7.451491	7.700907	7.500621
380200	3742100	71.58%	9.516303	9.29759	9.516303	9.29759	9.653142	9.43138	10.1715	9.937835	9.806486	9.581244	9.806486	9.581244	12.926498	12.62908	12.9265	12.62908	13.05874	12.75837
380700	3742100	75.23%	9.468007	9.03344	9.468007	9.03344	9.60461	9.160885	10.12043	9.653645	9.757494	9.308644	9.757494	9.308644	12.859003	12.27267	12.859	12.27267	12.99094	12.39695
381200	3742100	72.14%	9.311872	8.892563	9.311872	8.892563	9.44407	9.016512	9.952219	9.502165	9.597068	9.16375	9.597068	9.16375	12.647269	12.08169	12.64727	12.08169	12.77608	12.20333
381700	3742100	78.36%	9.07583	8.840119	9.07583	8.840119	9.201636	8.96247	9.697804	9.445778	9.353515	9.110537	9.353515	9.110537	12.329126	12.00918	12.32913	12.00918	12.45311	12.12985
382200	3742100	69.22%	9.04845	8.705589	9.04845	8.705589	9.17224	8.823671	9.667705	9.300502	9.326197	8.972196	9.326197	8.972196	12.29106	11.82726	12.29106	11.82726	12.41404	11.94497
382700	3742100	68.84%	8.680027	8.417495	8.680027	8.417495	8.793208	8.528237	9.270179	8.990175	8.946097	8.674561	8.946097	8.674561	11.794881	11.43953	11.79488	11.43953	11.91004	11.55151
383200	3742100	74.97%	8.478034	8.208081	8.478034	8.208081	8.585881	8.311928	9.052617	8.763966	8.737922	8.45961	8.737922	8.45961	11.522126	11.15568	11.52213	11.15568	11.63327	11.26301
383700	3742100	72.42%	8.210734	7.939329	8.210734	7.939329	8.310886	8.035862	8.764236	8.474179	8.462237	8.182057	8.462237	8.182057	11.161899	10.79411	11.1619	10.79411	11.2674	10.89587
384200	3742100	62.44%	7.88251	7.680941	7.88251	7.680941	7.973566	7.771791	8.416798	8.197285	8.124048	7.915522	8.124048	7.915522	10.718724	10.44605	10.71872	10.44605	10.8175	10.5423
384700	3742100	66.92%	7.596204	7.208729	7.596204	7.208729	7.679961	7.284722	8.102122	7.68604	7.828503	7.427762	7.828503	7.427762	10.332873	9.811012	10.33287	9.811012	10.42601	9.897392
385200	3742100	61.12%	7.227354	6.872315	7.227354	6.872315	7.301973	6.939708	7.705195	7.323903	7.448138	7.081043	7.448138	7.081043	9.834823	9.356491	9.834823	9.356491	9.920888	9.436332
385700	3742100	59.14%	7.012531	6.764936	7.012531	6.764936	7.08049	6.829297	7.473176	7.208174	7.22683	6.970587	7.22683	6.970587	9.545091	9.211135	9.545091	9.211135	9.62642	9.288795
386200	3742100	65.69%	6.759755	6.597182	6.759755	6.597182	6.821379	6.65638	7.20113	7.027252	6.966214	6.798512	6.966214	6.798512	9.203707	8.983298	9.203707	8.983298	9.280165	9.057422
386700	3742100	62.59%	6.601791	6.406632	6.601791	6.406632	6.657635	6.45925	7.029831	6.820883	6.803189	6.60184	6.803189	6.60184	8.99187	8.727507	8.99187	8.727507	9.064349	8.797032
387200	3742100	58.31%	6.417235	6.045278	6.417235	6.045278	6.467398	6.088211	6.830584	6.431363	6.613259	6.228702	6.613259	6.228702	8.742529	8.241096	8.742529	8.241096	8.811007	8.30324
387700	3742100	55.66%	6.169307	5.961824	6.169307	5.961824	6.211907	6.002935	6.562761	6.34166	6.357372	6.142423	6.357372	6.142423	8.409078	8.128768	8.409078	8.128768	8.47207	8.18938
388200	3742100	62.14%	6.101351	5.81336	6.101351	5.81336	6.141663	5.850486	6.489298	6.181797	6.287531	5.989679	6.287531	5.989679	8.317215	7.927738	8.317215	7.927738	8.378648	7.985425
388700	3742100	59.21%	5.912238	5.643866	5.912238	5.643866	5.949295	5.67782	6.286642	5.999923	6.092133	5.81436	6.092133	5.81436	8.061795	7.699339	8.061795	7.699339	8.12023	7.75418
389200	3742100	61.10%	5.791556	5.432112	5.791556	5.432112	5.824816	5.460294	6.156442	5.77149	5.968368	5.595305	5.968368	5.595305	7.897833	7.415194	7.897833	7.415194	7.953694	7.465584
389700	3742100	63.56%	5.574965	5.288301	5.574965	5.288301	5.602971	5.312325	5.923336	5.616363	5.74469	5.447135	5.74469	5.447135	7.605989	7.221112	7.605989	7.221112	7.657696	7.268472
389978	3741459	62.22%	5.583548	5.417735	5.583548	5.417735	5.606592	5.439991	5.929078	5.75266	5.753593	5.581869	5.753593	5.581869	7.620734	7.396315	7.620734	7.396315	7.670055	7.443956
380022	3739531	71.37%	12.593255	12.32078	12.59326	12.32078	12.79812	12.52239	13.47934	13.1887	12.98683	12.70654	12.98683	12.70654	17.070918	16.69939	17.07092	16.69939	17.25955	16.88467
379814	3739341	72.65%	12.732925	12.24761	12.73293	12.24761	12.94167	12.44789	13.62978	13.10992	13.13032	12.62992	13.13032	12.62992	17.260443	16.60275	17.26044	16.60275	17.45183	16.78663
379142	3733893	49.94%	12.284694	11.95547	12.28469	11.95547	12.44912	12.11695	13.11778	12.7675	12.64499	12.30688	12.64499	12.30688	16.7249	16.27417	16.7249	16.27417	16.88686	16.43266
389449	3739338	62.62%	6.062555	5.867121	6.062555	5.867121	6.086303	5.890523	6.437557	6.230199	6.249483	6.047621	6.249483	6.047621	8.270433	8.004447	8.270433	8.004447	8.323804	8.056211
389215	3739462	63.14%	6.088905	5.901833	6.088905	5.901833	6.114644	5.92657	6.466771	6.267949	6.276507	6.083637	6.276507	6.083637	8.305503	8.050528	8.305503	8.050528	8.360001	8.103245
378929	3734007	52.02%	11.818433	11.51682	11.81843	11.51682	11.97166	11.66811	12.61562	12.29525	12.16195	11.85238	12.16195	11.85238	16.09983	15.68601	16.09983	15.68601	16.25261	15.83597
389539	3741329	58.29%	5.67758	5.523932	5.67758	5.523932	5.703661	5.548919	6.030848	5.867084	5.850931	5.691599	5.850931	5.691599	7.746445	7.539181	7.746445	7.539181	7.798001	7.588946
390167	3738394	65.90%	6.196067	6.017456	6.196067	6.017456	6.213711	6.036422	6.574922	6.386687	6.387377	6.203433	6.387377	6.203433	8.456176	8.210897	8.456176	8.210897	8.507512	8.26168
390353	3741373	61.44%	5.577536	5.41328	5.577536	5.41328	5.596767	5.432767	5.920115	5.746003	5.747393	5.57706	5.747393	5.57706	7.614907	7.392437	7.614907	7.392437	7.662309	7.438631
383100	3738224	70.29%	12.57998	11.96624	12.57998	11.96624	12.77489	12.14821	13.4613	12.80193	12.98201	12.34778	12.98201	12.34778	17.04009	16.21284	17.04009	16.21284	17.22542	16.38723
387369	3742073	54.95%	6.306024	6.04373	6.306024	6.04373	6.352904	6.086593	6.710475	6.429678	6.498309	6.227086	6.498309	6.227086	8.59324	8.239096	8.59324	8.239096	8.659275	8.301179
387922	3743131	56.16%	5.946443	5.602592	5.946443	5.602592	5.988052	5.63863	6.325773	5.957265	6.126774	5.770613	6.126774	5.770613	8.106993	7.644175	8.106993	7.644175	8.167794	7.699536
387401	3740832	62.02%	6.691995	6.358738	6.691995	6.358738	6.741291	6.403397	7.121568	6.765059	6.898251	6.553441	6.898251	6.553441	9.114845	8.665007	9.114845	8.665007	9.185123	8.730467
387445	3739252	57.34%	6.779508	6.542903	6.779508	6.542903	6.82135	6.583508	7.209687	6.958017	6.990017	6.745399	6.990017	6.745399	9.235819	8.914749	9.235819	8.914749	9.303329	8.979895
389789	3736894	54.01%	6.52204	6.243565	6.52204	6.243565	6.541599	6.265109	6.92256	6.62856	6.726898	6.438576	6.726898	6.438576	8.89302	8.513858	8.89302	8.513858	8.948209	8.567873
387455	3740696	60.76%	6.720767	6.347368	6.720767	6.347368	6.769833	6.391336	7.151981	6.752534	6.928237	6.541734	6.928237	6.541734	9.153614	8.649901	9.153614	8.649901	9.224037	8.714929
386939	3743260	64.13%	6.162902	5.994087	6.162902	5.994087	6.213492	6.042034	6.560923	6.380265	6.349206	6.175021	6.349206	6.175021	8.398702	8.169988	8.398702	8.169988	8.465275	8.234072
390450	3740328	62.32%	5.660634	5.423052	5.660634	5.423052	5.68026	5.441441	6.008552	5.75544	5.83355	5.5866	5.83355	5.5866	7.727201	7.40759	7.727201	7.40759	7.775449	7.453219
380445	3733657	49.59%	18.078876	17.33275	18.07888	17.33275	18.38412	17.62519	19.36008	18.5607	18.64874	17.87849	18.64874	17.87849	24.48964	23.48039	24.48964	23.48039	24.76692	23.74599
389709	3742434	68.11%	5.66502	5.327165	5.66502	5.327165	5.694293	5.351678	6.019773	5.657972	5.838165	5.487506	5.838165	5.487506	7.726948	7.273251	7.726948	7.273251	7.780022	7.321186
389709	3742485	69.24%	5.680201	5.335191	5.680201	5.335191	5.709605	5.35982	6.035969	5.666551	5.853874	5.495819	5.853874	5.495819	7.747458	7.284091	7.747458	7.284091	7.800708	7.332147
389401	3740862	59.44%	5.78422	5.627829	5.78422	5.627829	5.810409	5.652403	6.144029	5.977008	5.961354	5.799214	5.961354	5.799214	7.891115	7.680335	7.891115	7.680335	7.943539	7.730716
381762	3737740	79.50%	16.786774	16.18817	16.78677	16.18817	17.09052	16.48053	17.99461	17.35262	17.33039	16.71261	17.33039	16.71261	22.69587	21.88658	22.69587	21.88658	22.96613	22.14686
380296	3733115	61.89%	16.724092	16.13896	16.72409	16.13896	16.99208	16.39621	17.89684	17.26954	17.24276	16.63876	17.24276	16.63876	22.68163	21.89024	22.68163	21.89024	22.92924	22.12849
381348	3733563	53.08%	24.953771	24.01398	24.95377	24.01398	25.43448	24.47603	26.77223	25.76339	25.77249	24.80119	25.77249	24.80119	33.69694	32.42961	33.69694	32.42961	34.11504	32.83158
389119	3738782	64.98%	6.4383	6.27452	6.4383	6.2781	6.463211	6.299078	6.845863	6.66749	6.638263	6.469099	6.638263	6.469099	8.780137	8.554532	8.780137	8.554532	8.836953	8.610426
387192	3740865	60.75%	6.703369	6.449696	6.703369	6.449696	6.754231	6.496732	7.1345	6.863008	6.909366	6.647241	6.909366	6.647241	9.130728	8.787742	9.130728	8.787742	9.201731	8.855005

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_C AAQS*	*2026_ALT1_ NAAQS*	*2026_NP_C AAQS*	*2026_NP_N AAQS*	*2026_ALT3_ CAAQS*	*2026_ALT3_ NAAQS*	*2026_ALT4_ CAAQS*	*2026_ALT4_ NAAQS*	*2026_ALT5_ CAAQS*	*2026_ALT5_ NAAQS*	*2026_PP_CA AQS*	*2026_PP_N AAQS*	*2033_ALT1_C AAQS*	*2033_ALT1_ NAAQS*	*2033_NP_C AAQS*	*2033_NP_N AAQS*	*2033_ALT3_ CAAQS*	*2033_ALT3_ NAAQS*
389648	3738051	65.27%	6.500184	6.237591	6.500184	6.237591	6.520537	6.258122	6.89955	6.620977	6.703078	6.430546	6.703078	6.430546	8.865393	8.510344	8.865393	8.510344	8.920581	8.563456
389498	3740798	58.99%	5.753265	5.585127	5.753265	5.585127	5.778568	5.609181	6.110578	5.931304	5.929218	5.754769	5.929218	5.754769	7.84985	7.623249	7.84985	7.623249	7.901582	7.672994
389398	3742733	61.72%	5.743524	5.384378	5.743524	5.384378	5.775838	5.412423	6.104799	5.720774	5.918498	5.545913	5.918498	5.545913	7.833573	7.350437	7.833573	7.350437	7.888566	7.400393
378579	3732386	56.05%	8.979351	8.708506	8.979351	8.708506	9.058064	8.787146	9.551892	9.265882	9.215623	8.939464	9.215623	8.939464	12.30834	11.93183	12.30834	11.93183	12.40099	12.02316
387231	3740475	61.32%	6.851174	6.495284	6.851174	6.495284	6.903008	6.541654	7.292017	6.911009	7.062728	6.694763	7.062728	6.694763	9.32995	8.849345	9.32995	8.849345	9.402645	8.916683
378821	3734136	53.61%	11.507046	11.16827	11.50705	11.16827	11.65375	11.31196	12.28103	11.92057	11.83984	11.49199	11.83984	11.49199	15.68077	15.21681	15.68077	15.21681	15.82792	15.36038
390456	3738401	63.46%	6.122016	5.903514	6.122016	5.903514	6.138136	5.921411	6.495454	6.265245	6.31105	6.085863	6.31105	6.085863	8.355909	8.056046	8.355909	8.056046	8.405975	8.105505
389285	3742656	59.27%	5.754815	5.440334	5.754815	5.440334	5.787754	5.469492	6.117143	5.780939	5.929974	5.604044	5.929974	5.604044	7.84896	7.425221	7.84896	7.425221	7.904315	7.476215
390278	3738221	61.65%	6.200423	6.009779	6.200423	6.009779	6.217167	6.028285	6.578937	6.378369	6.391938	6.195939	6.391938	6.195939	8.462574	8.199738	8.462574	8.199738	8.513499	8.25033
387154	3741415	55.97%	6.514296	6.303681	6.514296	6.303681	6.563127	6.34983	6.932618	6.707495	6.71373	6.495857	6.71373	6.495857	8.875135	8.590592	8.875135	8.590592	8.94371	8.656233
387349	3740831	62.34%	6.69001	6.372219	6.69001	6.372219	6.739566	6.417397	7.119592	6.779642	6.89603	6.56724	6.89603	6.56724	9.112324	8.683305	9.112324	8.683305	9.182677	8.749106
390005	3740389	58.22%	5.786288	5.53354	5.786288	5.53354	5.808012	5.553313	6.143237	5.873737	5.963656	5.701535	5.963656	5.701535	7.896384	7.555539	7.896384	7.555539	7.946643	7.602802
388555	3741719	57.36%	6.008373	5.718768	6.008373	5.718768	6.046573	5.753207	6.389335	6.079686	6.191573	5.89185	6.191573	5.89185	8.191724	7.800807	8.191724	7.800807	8.251445	7.856463
389478	3741347	58.33%	5.699275	5.535876	5.699275	5.535876	5.726096	5.561574	6.054353	5.880177	5.87332	5.703781	5.87332	5.703781	7.775616	7.555346	7.775616	7.555346	7.827687	7.605523
387541	3742481	55.88%	6.168884	5.852648	6.168884	5.852648	6.214346	5.892424	6.564093	6.224965	6.356394	6.029403	6.356394	6.029403	8.407905	7.981393	8.407905	7.981393	8.472178	8.040505
378848	3734004	52.39%	11.575231	11.30484	11.57523	11.30484	11.72247	11.45102	12.35356	12.06693	11.90995	11.63279	11.90995	11.63279	15.774	15.40181	15.774	15.40181	15.92182	15.5476
390388	3740918	60.36%	5.657899	5.382632	5.657899	5.382632	5.677921	5.401121	6.005936	5.712693	5.830752	5.544917	5.830752	5.544917	7.723153	7.352338	7.723153	7.352338	7.771604	7.397732
390475	3738176	58.94%	6.197628	5.898562	6.197628	5.898562	6.213207	5.916302	6.575427	6.259613	6.389778	6.079889	6.389778	6.079889	8.457945	8.051234	8.457945	8.051234	8.508415	8.100417
381635	3738433	72.96%	15.14745	14.57306	15.14745	14.57306	15.41144	14.82565	16.22902	15.61292	15.63355	15.04123	15.63355	15.04123	20.495391	19.71775	20.49539	19.71775	20.73336	19.94617
380863	3732991	63.34%	19.374678	18.43988	19.37468	18.43988	19.70883	18.75354	20.75417	19.7494	19.99129	19.025	19.99129	19.025	26.22815	24.96922	26.22815	24.96922	26.52977	25.25387
378541	3733938	52.82%	10.457104	10.21301	10.4571	10.21301	10.57761	10.33359	11.14941	10.89152	10.7518	10.50217	10.7518	10.50217	14.27451	13.93658	14.27451	13.93658	14.40041	14.06122
379271	3732975	53.82%	12.37385	11.85708	12.37385	11.85708	12.53419	12.00937	13.20828	12.65576	12.73304	12.20123	12.73304	12.20123	16.85756	16.15438	16.85756	16.15438	17.01733	16.3068
379853	3731187	65.31%	11.627721	11.33825	11.62772	11.33825	11.75825	11.46858	12.39458	12.08881	11.95348	11.65826	11.95348	11.65826	15.87861	15.47639	15.87861	15.47639	16.01659	15.6129
384770	3739365	65.85%	9.020965	8.657525	9.020965	8.657525	9.125244	8.755887	9.62685	9.237627	9.302715	8.92727	9.302715	8.92727	12.255423	11.76417	12.25542	11.76417	12.36955	11.87271
389448	3738624	63.30%	6.422677	6.199413	6.422677	6.199413	6.44553	6.222889	6.818985	6.582555	6.622608	6.391269	6.622608	6.391269	8.747003	8.454013	8.747003	8.454013	8.802581	8.508291
383095	3739869	73.47%	10.713698	10.22919	10.7137	10.22919	10.86648	10.37505	11.45348	10.93527	11.05022	10.54973	11.05022	10.54973	14.522892	13.87719	14.52289	13.87719	14.68312	14.02055
379660	3734797	48.81%	14.998728	14.422	14.99873	14.422	15.23744	14.65122	16.04809	15.43094	15.45959	14.86573	15.45959	14.86573	20.35178	19.56829	20.35178	19.56829	20.57232	19.78026
380681	3734795	49.62%	21.843027	21.09793	21.84303	21.09793	22.25488	21.49563	23.42591	22.62699	22.55047	21.78184	22.55047	21.78184	29.521439	28.51335	29.52144	28.51335	29.88124	28.86098
386724	3740057	61.64%	7.213003	6.911242	7.213003	6.911242	7.271577	6.965277	7.680092	7.357203	7.436555	7.124888	7.436555	7.124888	9.81843	9.410165	9.81843	9.410165	9.897108	9.484413
388765	3741760	59.29%	5.996224	5.658046	5.996224	5.658046	6.032837	5.689614	6.375597	6.013473	6.179649	5.829448	6.179649	5.829448	8.174852	7.719218	8.174852	7.719218	8.233832	7.773081
383099	3740817	74.26%	9.634167	9.347644	9.634167	9.347644	9.76448	9.475316	10.29346	9.988076	9.933063	9.637343	9.933063	9.637343	13.080905	12.69173	13.08091	12.69173	13.21174	12.81922
390224	3740330	60.74%	5.725249	5.499051	5.725249	5.499051	5.74577	5.518923	6.077684	5.837075	5.900402	5.665345	5.900402	5.665345	7.814407	7.50965	7.814407	7.50965	7.863603	7.556611
380154	3733793	46.37%	16.666942	16.11567	16.66694	16.11567	16.93732	16.37805	17.83843	17.24924	17.18546	16.61777	17.18546	16.61777	22.59828	21.84909	22.59828	21.84909	22.84702	22.09025
389538	3740963	59.27%	5.719552	5.544159	5.719552	5.544159	5.744978	5.567976	6.074925	5.887699	5.894359	5.712384	5.894359	5.712384	7.803905	7.567673	7.803905	7.567673	7.855452	7.616994
388714	3737260	60.14%	6.934071	6.666412	6.934071	6.666412	6.960131	6.692172	7.363816	7.079551	7.153017	6.875279	7.153017	6.875279	9.449114	9.087371	9.449114	9.087371	9.510609	9.146536
378649	3736024	51.94%	12.086104	11.66562	12.0861	11.66562	12.25769	11.83537	12.9137	12.46776	12.44472	12.01354	12.44472	12.01354	16.439614	15.8613	16.43961	15.8613	16.60457	16.02287
389879	3739303	63.70%	6.069163	5.861868	6.069163	5.861868	6.089947	5.882803	6.442564	6.222789	6.256371	6.041628	6.256371	6.041628	8.281179	7.982714	8.281179	7.982714	8.333146	8.032862
378441	3735152	50.43%	10.245316	9.881677	10.24532	9.881677	10.3709	10.00377	10.92995	10.54292	10.5381	10.16494	10.5381	10.16494	13.972028	13.47365	13.97203	13.47365	14.09984	13.59761
388749	3737794	63.31%	6.698413	6.548603	6.698413	6.548603	6.724444	6.575209	7.113592	6.955287	6.908152	6.753658	6.908152	6.753658	9.131208	8.926206	9.131208	8.926206	9.190696	8.98495
383262	3739680	71.09%	10.793119	10.16854	10.79312	10.16854	10.94729	10.31131	11.54751	10.86893	11.13291	10.487	11.13291	10.487	14.638865	13.79691	14.63887	13.79691	14.79043	13.93809
389624	3738317	66.42%	6.445127	6.227959	6.445127	6.227959	6.465923	6.249455	6.841405	6.611538	6.645853	6.420949	6.645853	6.420949	8.790876	8.495851	8.790876	8.495851	8.845816	8.549436
382778	3739398	69.37%	11.783769	11.23273	11.78377	11.23273	11.96235	11.40171	12.60533	12.0149	12.15634	11.58748	12.15634	11.58748	15.97271	15.22741	15.97271	15.22741	16.14355	15.38954
382757	3737606	71.20%	14.622063	13.79026	14.62206	13.79026	14.86732	14.01738	15.66055	14.76641	15.09395	14.23415	15.09395	14.23415	19.784613	18.66425	19.78461	18.66425	20.0102	18.87464
382820	3738093	73.93%	13.548995	12.8115	13.549	12.8115	13.76926	13.01558	14.50572	13.71305	13.98371	13.22175	13.98371	13.22175	18.342501	17.34861	18.3425	17.34861	18.54753	17.5402
389389	3738887	66.46%	6.388453	6.13848	6.388453	6.13848	6.412024	6.162189	6.783142	6.518105	6.577428	6.327204	6.577428	6.327204	8.699813	8.371818	8.699813	8.371818	8.755476	8.425777
382180	3739100	70.83%	13.035097	12.24125	13.0351	12.24125	13.24741	12.43613	13.95457	13.1015	13.44947	12.62987	13.44947	12.62987	17.654913	16.58356	17.65491	16.58356	17.85158	16.766
379361	3740015	67.75%	11.715121	11.25586	11.71512	11.25586	11.90018	11.432	12.53428	12.04159	12.07667	11.60259	12.07667	11.60259	15.893696	15.27302	15.8937	15.27302	16.06558	15.43718
380824	3735170	47.74%	23.286528	22.62291	23.28653	22.62291	23.74215	23.06564	24.98717	24.27528	24.04711	23.36214	24.04711	23.36214	31.448265	30.55145	31.44827	30.55145	31.84129	30.93332
383174	3739290	71.19%	11.382181	10.68183	11.38218	10.68183	11.54912	10.83497	12.17214	11.4202	11.74258	11.01814	11.74258	11.01814	15.430666	14.48755	15.43067	14.48755	15.59312	14.63776
381835	3737984	77.16%	15.938556	15.47718	15.93856	15.47718	16.22156	15.75156	17.08096	16.58656	16.45267	15.97733	16.45267	15.97733	21.556945	20.93118	21.55695	20.93118	21.81041	21.17738
389535	3741054	59.12%	5.718972	5.558528	5.718972	5.558528	5.744499	5.582556	6.074381	5.903127	5.89379	5.727425	5.89379	5.727425	7.803005	7.586738	7.803005	7.586738	7.85459	7.636296
379332	3734589	44.60%	13.023478	12.54891	13.02348	12.54891	13.21223	12.73134	13.91907	13.4123	13.41393	12.92539	13.41393	12.92539	17.70389	17.0578	17.70389	17.0578	17.88426	17.23198
389714	3737893	59.82%	6.487073	6.223266	6.487073	6.223266	6.506509	6.243155	6.884948	6.60532	6.689244	6.415628	6.689244	6.415628	8.848764	8.491498	8.848764	8.491498	8.90334	8.544155
379760	3736916	53.67%	16.23212	15.5307	16.23212	15.5307	16.51477	15.80117	17.38842	16.63746	16.74428	16.02213	16.74428	16.02213	21.981499	21.02864	21.9815	21.02864	22.23477	21.2712
389686	3741436	58.31%	5.612504	5.464328	5.612504	5.464328	5.637577	5.488369	5.961159	5.803248	5.78358	5.629961	5.78358	5.629961	7.658753	7.458761	7.658753	7.458761	7.709286	7.507615
387943	3742041	59.16%	6.16244	5.860067	6.16244	5.860067	6.204685	5.898545	6.555302	6.232089	6.350429	6.037487	6.350429	6.037487	8.399637	7.991413	8.399637	7.991413	8.462427	8.050022
387255	3739936	60.47%	6.916905	6.487345	6.916905	6.487345	6.96685	6.531343	7.360608	6.90111	7.131319	6.686943	7.131319	6.686943	9.419225	8.839214	9.419225	8.839214	9.491608	8.90541
389235	3740749	59.99%	5.850448	5.663467	5.850448	5.663467	5.877641	5.689036	6.214942	6.015341	6.029876	5.835676	6.029876	5.835676	7.980437	7.729009	7.980437	7.729009	8.033871	7.780069
379517	3732375	64.42%	12.2498	11.9772	12.2498	11.9772	12.40449	12.13014	13.07235	12.78309	12.60282	12.32397	12.60282	12.32397	16.69654	16.32047	16.69654	16.32047	16.85225	16.47383
380014	3733758	47.68%	15.816858	15.39634	15.81686	15.39634	16.06562	15.64014	16.92195	16.4735	16.30465	15.8722	16.30465	15.8722	21.46008	20.88624	21.46008	20.88624	21.69147	21.11245
379495	3737075	52.77%	15.061462	14.29864	15.06146	14.29864	15.3126	14.53777	16.12504	15.30928	15.53104	14.74589	15.53104	14.74589	20.415173	19.37761	20.41517	19.37761	20.64359	19.59508
380299	3740161	74.21%	11.80614	11.33247	11.80614	11.33247	11.99391	11.51117	12.63357	12.1255	12.17388	11.68489	12.17388	11.68489	16.009288	15.34363	16.00929	15.34363	16.1837	15.50981
380257	3740403	73.17%	11.521725	11.02523	11.52173	11.02523	11.7031	11.19686	12.32767	11.79499	11.87968	11.36727	11.87968	11.36727	15.626649	14.82289	15.62665	14.82289	15.7958	14.98171
389875	3741853	58.82%	5.661032	5.485302	5.661032	5.485302	5.686583	5.50933	6.012943	5.825572	5.833797	5.65195	5.833797	5.65195	7.72436	7.486616	7.72436	7.486616	7.775514	7.535692
381988	3739995	73.99%	11.620969	11.03104	11.62097	11.03104	11.80183	11.20005	12.43372	11.80062	11.98617	11.37737	11.98617	11.37737	15.75376	14.95641	15.75376	14.95641	15.92416	15.11675
379279	3735517	42.85%	13.921498	13.33348	13.9215	13.33348	14.13619	13.54045	14.88968	14.26201	14.34564	13.74074	14.34564	13.74074	18.902061	18.10084	18.90206	18.10084	19.10267	18.29379
383239	3739989	73.20%	10.381346	9.919552	10.38135	9.919552	10.52676	10.05788	11.09604	10.60186	10.70629	10.22947	10.70629	10.22947	14.074376	13.46066	14.07438	13.46066	14.21857	13.5979
390353	3739073	61.04%	5.99116	5.782502	5.99116	5.782502	6.009416	5.801233	6.358041	6.13708	6.1753	5.959312	6.1753	5.959312	8.17751	7.893977	8.17751	7.893977	8.227581	7.942666
381187	3734118	42.83%	25.247453	24.63299	25.24745	24.63299	25.74351	25.11768	27.09454	26.43565	26.07788	25.44327	26.07788	25.44327	34.083048	33.25299	34.08305	33.25299	34.51126	33.67116
380461	3731193	67.15%	14.170764	13.93096	14.17076	13.93096	14.36282	14.12331	15.13428	14.88157	14.58933	14.3455	14.58933	14.3455	19.28511	18.95016	19.28511	18.95016	19.47353	19.1378
380049	3733031	65.52%	15.499766	15.14983	15.49977	15.14983	15.7359	15.38191	16.57617	16.20283	15.9734	15.61284	15.9734	15.61284	21.04374	20.56792	21.04374	20.56792	21.26582	20.78558
389106	3738800	63.80%	6.420498	6.258902	6.420498	6.258902	6.445413	6.284357	6.825952	6.647255	6.619828	6.453466	6.619828	6.453466	8.755961	8.53437	8.755961	8.53437	8.812636	8.590239
387111	3740236	59.79%	6.947367	6.586688	6.947367	6.586688	7.000625	6.633938	7.394893	7.008571	7.161963	6.789449	7.161963	6.789449	9.460349	8.972719	9.460349	8.972719	9.534438	9.041213
389796	3738044	64.05%	6.429867	6.172614	6.429867	6.172614	6.449158	6.192375	6.82414	6.551479	6.629898	6.363092	6.629898	6.363092	8.771461	8.423026	8.771461	8.423026	8.825499	8.475227
379594	3738367	58.36%	13.865361	13.43434	13.86536	13.43434	14.09363	13.65909	14.84226	14.38393	14.2968	13.85454	14.2968	13.85454	18.797826	18.20645	18.79783	18.20645	19.00646	18.4107
390160	3739058	63.17%	6.09738	5.872762	6.09738	5.872762	6.116693	5.892297	6.471548	6.233376	6.285726	6.052875	6.285726	6.052875	8.309826	8.015772	8.320106	8.015772	8.371589	8.06557
382425	3738317	70.11%	14.172769	13.50765	14.17277	13.50765	14.41029	13.73136	15.17834	14.46416	14.62749	13.94079	14.62749	13.94079	19.182735	18.28453	19.18274	18.28453	19.40069	18.49088
379699	3732970	58.51%	13.771185	13.52686	13.77119	13.52686	13.96453	13.71946	14.71324	14.45429	14.18166	13.93089	14.18166	13.93089	18.72916	18.39316	18.72916	18.39316	18.91643	18.57858
379666	3731426	73.80%	11.540601	11.312	11.5406	11.312	11.67021	11.44316	12.30162	12.06179	11.86349	11.63191	11.86349	11.63191	16.76055	15.43858	16.76055	15.43858	15.89737	15.57532
379935	3736833	54.23%	16.836785	16.12368	16.83679	16.12368	17.13525	16.40939	18.04076	17.27686	17.37158	16.63675	17.37158	16.63675	22.789659	21.82244	22.78966	21.82244	23.0556	22.07725
387156	3740295	59.85%	6.917186	6.559308	6.917186	6.559308	6.969874	6.606138	7.362552	6.979272	7.130887	6.761205	7.130887	6.761205	9.41937	8.935611	9.41937	8.935611	9.492979	9.003714
390248	3737371	57.20%	6.484598	6.119505	6.484598	6.119505	6.501312	6.137701	6.880682	6.494075	6.687352	6.308044	6.687352	6.308044	8.845651	8.352064	8.845651	8.352064	8.898991	8.403073
390538	3737763	61.06%	6.271372	5.937669	6.271372	5.937669	6.286782	5.954586	6.653475	6.300246	6.466	6.119421	6.466	6.119421	8.558366	8.10686	8.558366	8.10686	8.609309	8.155741
387420	3740551	59.79%	6.765542	6.374382	6.765542	6.374382	6.814883	6.418227	7.199673	6.781121	6.974596	6.569752	6.974596	6.569752	9.214182	8.686475	9.214182	8.686475	9.285098	8.751676
379821	3736524	51.42%	16.672305	15.8302	16.67231	15.8302	16.96259	16.10574	17.86002	16.95811	17.19897	16.33089	17.19897	16.33089	22.576504	21.43468	22.5765	21.43468	22.83664	21.68177
389624	3738615	62.35%	6.360041	6.163367	6.360041	6.163367	6.381523	6.185757	6.751515	6.543582	6.557416	6.353916	6.557416	6.353916	8.675701	8.398262	8.675701	8.407982	8.730248	8.461475
378750	3733896	52.23%	11.108779	10.85128	11.10878	10.85128	11.24458	10.98631	11.85094	11.5782	11.42652	11.1628	11.42652	11.1628	15.14926	14.79412	15.14926	14.79412	15.28769	14.93088

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
390276	3738162	59.71%	6.222247	6.024754	6.222247	6.024754	6.238833	6.043341	6.602029	6.394327	6.414679	6.21152	6.414679	6.21152	8.491923	8.219876	8.491923	8.219876	8.542977	8.270648
380498	3740249	71.71%	11.734444	11.35337	11.73444	11.35337	11.92104	11.53324	12.55687	12.1487	12.10009	11.70735	12.10009	11.70735	15.911746	15.39501	15.91175	15.39501	16.0851	15.56247
378867	3731455	67.16%	10.070878	9.885933	10.07088	9.885933	10.16145	9.979031	10.71535	10.52225	10.33844	10.15135	10.33844	10.15135	13.79769	13.53578	13.79769	13.53578	13.90323	13.64198
378709	3734317	47.39%	11.134997	10.84495	11.135	10.84495	11.27418	10.98216	11.88148	11.57352	11.4551	11.15802	11.4551	11.15802	15.17961	14.78037	15.17961	14.78037	15.32022	14.91852
379694	3736911	53.48%	15.879982	15.25473	15.87998	15.25473	16.15324	15.51805	17.00836	16.3398	16.37928	15.73612	16.37928	15.73612	21.510571	20.65949	21.51057	20.65949	21.75637	20.89632
387129	3741587	54.88%	6.498683	6.246953	6.498683	6.246953	6.54819	6.292461	6.916517	6.646927	6.697521	6.437272	6.697521	6.437272	8.853629	8.513691	8.853629	8.513691	8.922403	8.578616
382074	3740337	71.02%	11.104524	10.59122	11.10452	10.59122	11.27293	10.74996	11.87771	11.32727	11.45203	10.92231	11.45203	10.92231	15.059479	14.36532	15.05948	14.36532	15.21989	14.51733
384631	3739119	64.48%	9.276391	8.934975	9.276391	8.934975	9.386557	9.039055	9.901613	9.535747	9.566757	9.21445	9.566757	9.21445	12.599238	12.13726	12.59924	12.13726	12.71817	12.25076
387444	3742469	57.38%	6.236336	5.879331	6.236336	5.879331	6.283402	5.919894	6.636717	6.25377	6.426241	6.056903	6.426241	6.056903	8.498413	8.017359	8.498413	8.017359	8.564007	8.077052
386969	3740593	60.13%	6.881993	6.605929	6.881993	6.605929	6.93571	6.655436	7.32585	7.030336	7.094219	6.808828	7.094219	6.808828	9.371507	8.99855	9.371507	8.99855	9.44529	9.068221
390180	3738228	63.46%	6.212093	6.027927	6.212093	6.027927	6.229428	6.046625	6.591632	6.397636	6.403729	6.214357	6.403729	6.214357	8.478655	8.225096	8.478655	8.225096	8.529911	8.275852
384377	3739369	61.76%	9.370515	9.051859	9.370515	9.051859	9.483665	9.160946	10.00338	9.662868	9.663945	9.334694	9.663945	9.334694	12.725648	12.29437	12.72565	12.29437	12.84673	12.41109
387724	3740376	60.93%	6.608084	6.245923	6.608084	6.245923	6.652527	6.285117	7.029522	6.641944	6.812134	6.437457	6.812134	6.437457	9.002392	8.513598	9.002392	8.513598	9.069771	8.575646
390207	3737910	60.67%	6.339662	6.091802	6.339662	6.091802	6.356581	6.110066	6.726903	6.465188	6.536636	6.280814	6.536636	6.280814	8.650237	8.311365	8.650237	8.311365	8.702437	8.362455
390631	3737633	59.67%	6.201106	5.944846	6.201106	5.944846	6.216022	5.961609	6.578399	6.307804	6.392541	6.127061	6.392541	6.127061	8.464834	8.116255	8.464834	8.116255	8.514845	8.165159
390365	3737647	59.52%	6.380266	6.021011	6.380266	6.021011	6.396394	6.038635	6.769575	6.389251	6.579158	6.206151	6.579158	6.206151	8.704813	8.218584	8.704813	8.218584	8.757035	8.268552
389921	3738609	63.36%	6.285478	6.050044	6.285478	6.050044	6.304942	6.07029	6.671172	6.421919	6.48058	6.236502	6.48058	6.236502	8.575023	8.2557	8.575023	8.2557	8.62807	8.307241
389883	3738053	62.97%	6.382234	6.160364	6.382234	6.160364	6.400946	6.179817	6.773153	6.538395	6.580323	6.350786	6.580323	6.350786	8.707669	8.405776	8.707669	8.405776	8.761007	8.457795
390052	3737368	57.48%	6.553627	6.212211	6.553627	6.212211	6.571237	6.23118	6.954523	6.593237	6.758925	6.405069	6.758925	6.405069	8.938532	8.475172	8.938532	8.475172	8.992874	8.527471
389599	3738178	67.30%	6.487863	6.267929	6.487863	6.267929	6.508734	6.289256	6.886805	6.653801	6.69024	6.462341	6.69024	6.462341	8.848544	8.550201	8.848544	8.550201	8.903867	8.604013
387995	3740853	61.10%	6.451246	6.071362	6.451246	6.071362	6.49405	6.108832	6.862167	6.455615	6.650073	6.25665	6.650073	6.25665	8.789891	8.27797	8.789891	8.27797	8.855316	8.337796
378996	3739241	61.11%	12.1191	11.71219	12.1191	11.71219	12.30859	11.89705	12.96454	12.53066	12.49106	12.07234	12.49106	12.07234	16.447481	15.89256	16.44748	15.89256	16.62387	16.06406
389600	3738360	65.75%	6.437228	6.21597	6.437228	6.21597	6.458303	6.237872	6.833169	6.599032	6.637545	6.408367	6.637545	6.408367	8.780241	8.479738	8.780241	8.479738	8.835236	8.533388
390315	3739619	63.06%	5.849977	5.661114	5.849977	5.661114	5.868855	5.679818	6.20888	6.008296	6.029658	5.833597	6.029658	5.833597	7.984416	7.711667	7.984416	7.711667	8.033792	7.75911
388103	3741683	61.72%	6.223947	5.926309	6.223947	5.926309	6.265572	5.964637	6.62021	6.30238	6.414454	6.106534	6.414454	6.106534	8.482804	8.080394	8.482804	8.080394	8.545825	8.139542
390224	3738014	59.99%	6.292646	6.078884	6.292646	6.078884	6.309421	6.097247	6.676874	6.451588	6.487747	6.267562	6.487747	6.267562	8.586957	8.293472	8.586957	8.293472	8.638688	8.344547
387926	3742882	53.52%	5.951571	5.701596	5.951571	5.701596	5.992163	5.739236	6.33054	6.063364	6.132158	5.873182	6.132158	5.873182	8.114392	7.777402	8.114392	7.777402	8.174742	7.83433
388691	3740431	57.45%	6.077306	5.842259	6.077306	5.842259	6.108678	5.871907	6.458264	6.207443	6.264378	6.019858	6.264378	6.019858	8.28648	7.971077	8.28648	7.971077	8.343647	8.025346
378469	3734936	47.55%	10.204329	9.875206	10.20433	9.875206	10.32764	9.995828	10.88473	10.53482	10.49502	10.15742	10.49502	10.15742	13.919221	13.46179	13.91922	13.46179	14.04556	13.5848
387340	3741495	57.15%	6.435993	6.227348	6.435993	6.227348	6.483165	6.271795	6.848448	6.625458	6.632666	6.417071	6.632666	6.417071	8.769865	8.487517	8.769865	8.487517	8.837017	8.55179
386718	3739983	60.06%	7.21984	6.911115	7.21984	6.911115	7.278707	6.965245	7.687555	7.357171	7.443673	7.12486	7.443673	7.12486	9.827458	9.409683	9.827458	9.409683	9.906336	9.484003
380186	3733726	46.74%	16.663597	16.11671	16.6636	16.11671	16.93337	16.37848	17.83455	17.24986	17.18212	16.61856	17.18212	16.61856	22.59433	21.85117	22.59433	21.85117	22.84277	22.09203
381264	3732980	58.63%	21.938742	21.31767	21.93874	21.31767	22.33898	21.70661	23.51552	22.85339	22.64939	22.00712	22.64939	22.00712	29.65913	28.77072	29.65913	28.77072	30.01392	29.1145
388011	3741615	62.29%	6.254911	5.969052	6.254911	5.969052	6.297191	6.008039	6.653416	6.348163	6.446235	6.150776	6.446235	6.150776	8.524977	8.138061	8.524977	8.138061	8.588515	8.197843
388112	3742445	57.15%	5.985878	5.778042	5.985878	5.778042	6.025345	5.815639	6.366184	6.144599	6.167736	5.952897	6.167736	5.952897	8.161577	7.879959	8.161577	7.879959	8.221647	7.937568
387172	3741938	56.89%	6.446397	6.122941	6.446397	6.122941	6.496471	6.16714	6.861443	6.514582	6.643418	6.309078	6.643418	6.309078	8.782241	8.34578	8.782241	8.34578	8.850893	8.409139
390062	3738250	64.78%	6.270013	6.075239	6.270013	6.075239	6.288088	6.094192	6.653664	6.447966	6.464033	6.263301	6.464033	6.263301	8.556051	8.28921	8.556051	8.28921	8.608185	8.340443
389026	3737038	56.95%	6.869209	6.659628	6.869209	6.659628	6.892072	6.683575	7.292863	7.071362	7.085854	6.869022	7.085854	6.869022	9.363114	9.077666	9.363114	9.077666	9.422544	9.136033
389481	3741039	59.45%	5.732312	5.575364	5.732312	5.575364	5.758158	5.599632	6.088751	5.921173	5.907609	5.744923	5.907609	5.744923	7.820874	7.609282	7.820874	7.609282	7.87272	7.65911
380158	3734275	44.52%	17.164132	16.53689	17.16413	16.53689	17.45236	16.81452	18.37816	17.70678	17.70135	17.05535	17.70135	17.05535	23.25954	22.40812	23.25954	22.40812	23.52123	22.66024
387982	3740075	61.37%	6.445539	6.205969	6.445539	6.205969	6.484494	6.242925	6.853601	6.598035	6.644486	6.396046	6.644486	6.396046	8.783903	8.460845	8.783903	8.460845	8.847439	8.521466
378816	3733895	51.97%	11.34769	11.04577	11.34769	11.04577	11.48924	11.18537	12.10824	11.7876	11.67394	11.36423	11.67394	11.36423	15.46976	15.05507	15.46976	15.05507	15.61293	15.19555
379745	3733311	52.16%	14.504578	14.12769	14.50458	14.12769	14.718	14.33668	15.5052	15.10306	14.94255	14.55447	14.94255	14.55447	19.70832	19.19507	19.70832	19.19507	19.91143	19.39353
380440	3733911	45.84%	18.224092	17.61686	18.22409	17.61686	18.53602	17.91947	19.51863	18.86924	18.79937	18.17356	18.79937	18.17356	24.68197	23.85778	24.68197	23.85778	24.96366	24.13072
387611	3742700	56.91%	6.118671	5.782419	6.118671	5.782419	6.163723	5.821358	6.51057	6.149927	6.304489	5.956706	6.304489	5.956706	8.339809	7.886599	8.339809	7.886599	8.40352	7.944748
387731	3741753	58.82%	6.314782	6.001363	6.314782	6.001363	6.359191	6.041936	6.7183	6.383301	6.508066	6.183558	6.508066	6.183558	8.605208	8.182284	8.605208	8.182284	8.670232	8.242987
388870	3737870	62.12%	6.704994	6.515853	6.704994	6.515853	6.730386	6.541812	7.120211	6.919995	6.915185	6.719364	6.915185	6.719364	9.140042	8.883016	9.140042	8.883016	9.199312	8.941094
389981	3738882	62.72%	6.202013	5.977153	6.202013	5.977153	6.221863	5.99764	6.582899	6.344759	6.394118	6.160991	6.394118	6.160991	8.461601	8.156751	8.461601	8.156751	8.514179	8.207838
388635	3741379	62.59%	6.09155	5.745139	6.09155	5.745139	6.128328	5.776635	6.476779	6.105737	6.278302	5.919411	6.278302	5.919411	8.304194	7.837876	8.304194	7.837876	8.363981	7.892332
388088	3740588	65.25%	6.375217	6.066097	6.375217	6.066097	6.415128	6.101909	6.77963	6.44896	6.571564	6.25139	6.571564	6.25139	8.688071	8.271424	8.688071	8.271424	8.751529	8.33044
387556	3739981	61.80%	6.705904	6.40029	6.705904	6.40029	6.750864	6.441351	7.133539	6.806941	6.913165	6.597299	6.913165	6.597299	9.135317	8.721866	9.135317	8.721866	9.203663	8.78604
387009	3743355	63.72%	6.128209	5.955042	6.128209	5.955042	6.177984	6.002189	6.523641	6.338351	6.31349	6.134733	6.31349	6.134733	8.351654	8.117198	8.351654	8.117198	8.417607	8.180611
387670	3740411	62.28%	6.634831	6.265713	6.634831	6.265713	6.68042	6.305632	7.05857	6.66342	6.839521	6.457908	6.839521	6.457908	9.038603	8.540042	9.038603	8.540042	9.10671	8.6026
390403	3740229	62.46%	5.694324	5.4656	5.694324	5.4656	5.714124	5.484401	6.044415	5.800852	5.868447	5.630674	5.868447	5.630674	7.772783	7.465085	7.772783	7.465085	7.821407	7.511229
382216	3739181	70.99%	12.920992	12.134	12.92099	12.134	13.13034	12.32644	13.83169	12.98624	13.33158	12.519	13.33158	12.519	17.50128	16.4392	17.50128	16.4392	17.69567	16.61959
378878	3732123	67.87%	9.788845	9.524754	9.788845	9.524754	9.883296	9.618917	10.42055	10.14155	10.05192	9.782687	10.05192	9.782687	13.4009	13.03379	13.4009	13.03379	13.50722	13.13874
389425	3742800	61.54%	5.731192	5.372679	5.731192	5.372679	5.763262	5.400626	6.091566	5.708311	5.905727	5.533798	5.905727	5.533798	7.816978	7.334624	7.816978	7.334624	7.871755	7.384435
379320	3739551	62.95%	12.035352	11.81465	12.03535	11.81465	12.22489	12.00324	12.87651	12.64233	12.40686	12.17995	12.40686	12.17995	16.328408	16.02616	16.32841	16.02616	16.50464	16.20048
380519	3733982	47.13%	18.901381	18.22695	18.90138	18.22695	19.2308	18.54531	20.24913	19.52712	19.50165	18.806	19.50165	18.806	25.58789	24.65541	25.58789	24.65541	25.88366	24.94076
378626	3738189	54.76%	11.414164	10.73081	11.41416	10.73081	11.58164	10.88996	12.2004	11.47161	11.75604	11.05379	11.75604	11.05379	15.51546	14.58213	15.51546	14.58213	15.6745	14.73284
381827	3738004	77.17%	15.881693	15.40624	15.88169	15.40624	16.16335	15.67886	17.01981	16.51015	16.39381	15.90379	16.39381	15.90379	21.48055	20.83592	21.48055	20.83592	21.73301	21.08069
388688	3740334	60.14%	6.09752	5.87937	6.09752	5.87937	6.128481	5.908738	6.479453	6.24669	6.285382	6.058508	6.285382	6.058508	8.314031	8.021114	8.314031	8.021114	8.371179	8.075585
388894	3740733	59.15%	5.991123	5.787617	5.991123	5.787617	6.021612	5.816423	6.366346	6.1491	6.175415	5.963876	6.175415	5.963876	8.169558	7.896184	8.169558	7.896184	8.22567	7.949739
388832	3740311	57.23%	6.061803	5.81555	6.061803	5.81555	6.091323	5.843721	6.440712	6.178201	6.248808	5.99247	6.248808	5.99247	8.265601	7.935187	8.265601	7.935187	8.321822	7.988582
381603	3740192	75.18%	11.668204	11.182	11.6682	11.182	11.85117	11.35683	12.48512	11.96431	12.03465	11.53249	12.03465	11.53249	15.817436	15.16005	15.81744	15.16005	15.98916	15.32426
387506	3739696	61.56%	6.75336	6.50225	6.75336	6.50225	6.797489	6.544425	7.183368	6.915838	6.962508	6.702914	6.962508	6.702914	9.199851	8.859427	9.199851	8.859427	9.268191	8.92494
390444	3739033	59.18%	5.961292	5.796722	5.961292	5.796722	5.97889	5.815169	6.325902	6.152159	6.144342	5.974699	6.144342	5.974699	8.137518	7.91203	8.137518	7.91203	8.187009	7.960812
378938	3731817	64.15%	10.099412	9.819838	10.09941	9.819838	10.19757	9.918123	10.75168	10.45682	10.37101	10.08665	10.37101	10.08665	13.82526	13.43492	13.82526	13.43492	13.93534	13.54389
390594	3738247	58.36%	6.138468	5.825042	6.138468	5.825042	6.153594	5.842429	6.512357	6.181314	6.328534	6.003449	6.328534	6.003449	8.37791	7.952374	8.37791	7.952374	8.427708	8.000742
388725	3741155	64.49%	6.043174	5.756114	6.043174	5.756114	6.077677	5.786625	6.424014	6.116679	6.228477	5.930704	6.228477	5.930704	8.239424	7.853531	8.239424	7.853531	8.297763	7.907571
380203	3736551	58.47%	17.618984	17.15891	17.61898	17.15891	17.93903	17.47264	18.8855	18.39407	18.18302	17.70954	18.18302	17.70954	23.83443	23.20787	23.83443	23.20787	24.11738	23.48469
390195	3739970	62.25%	5.825408	5.58634	5.825408	5.58634	5.845926	5.605893	6.183912	5.929452	6.004122	5.755779	6.004122	5.755779	7.950328	7.628208	7.950328	7.628208	8.000294	7.675686
388192	3740542	65.51%	6.310734	6.032827	6.310734	6.032827	6.349257	6.067854	6.710256	6.413068	6.504662	6.216684	6.504662	6.216684	8.601744	8.227289	8.601744	8.227289	8.663984	8.285612
383107	3737969	68.84%	12.896075	12.29046	12.89608	12.29046	13.09756	12.47943	13.80099	13.1505	13.30941	12.68341	13.30941	12.68341	17.464813	16.64854	17.46481	16.64854	17.65579	16.82898
389940	3740373	58.26%	5.807772	5.557145	5.807772	5.557145	5.829833	5.577196	6.166228	5.898922	5.985771	5.725854	5.985771	5.725854	7.925537	7.587639	7.925537	7.587639	7.976138	7.635202
390373	3740260	62.41%	5.698034	5.457654	5.698034	5.457654	5.717985	5.476479	6.048444	5.792441	5.872286	5.622424	5.872286	5.622424	7.777707	7.454297	7.777707	7.454297	7.826422	7.500406
390533	3740347	62.24%	5.634111	5.413237	5.634111	5.413237	5.653381	5.431396	5.980156	5.744865	5.805999	5.57641	5.805999	5.57641	7.691611	7.39449	7.691611	7.39449	7.73947	7.439914
389282	3739139	62.47%	6.158206	5.968591	6.158206	5.968591	6.182554	5.99239	6.539369	6.338189	6.348358	6.153022	6.348358	6.153022	8.400201	8.141171	8.400201	8.141171	8.454578	8.194001
378807	3734759	45.24%	11.218134	10.89361	11.21813	10.89361	11.36386	11.03653	11.97497	11.6298	11.54404	11.21103	11.54404	11.21103	15.282271	14.83731	15.28227	14.83731	15.42739	14.97909
388084	3742865	53.61%	5.87327	5.668376	5.87327	5.668376	5.911651	5.705148	6.246038	6.027609	6.05123	5.838974	6.05123	5.838974	8.009252	7.732452	8.009252	7.732452	8.067927	7.788727
388917	3737693	62.88%	6.74762	6.500706	6.74762	6.500706	6.772513	6.525766	7.165186	6.90323	6.959667	6.703375	6.959667	6.703375	9.197494	8.863701	9.197494	8.863701	9.256913	8.921156
379706	3740182	71.54%	11.513073	11.31992	11.51307	11.31992	11.69285	11.49772	12.31695	12.11108	11.8692	11.67033	11.8692	11.67033	15.619208	15.35596	15.61921	15.35596	15.78716	15.52171
388856	3738266	61.73%	6.67022	6.514402	6.67022	6.514402	6.696669	6.541497	7.083834	6.919233	6.878488	6.712915	6.878488	6.712915	9.093681	8.873838	9.093681	8.873838	9.153062	8.932375
380807	3733760	50.19%	20.273452	19.81328	20.27345	19.81328	20.63594	20.17	21.72723	21.23583	20.92379	20.44898	20.92379	20.44898	27.42606	26.80154	27.42606	26.80154	27.749	27.11846
379507	3732828	59.16%	12.968137	12.30893	12.96814	12.30893	13.14232	12.47129	13.84807	13.14189	13.34842	12.66934	13.34842	12.66934	17.65507	16.76079	17.65507	16.76079	17.82637	16.92172
390021	3738204	64.71%	6.301945	6.095452	6.301945	6.095452	6.320184	6.114426	6.687648	6.469393	6.497121	6.284106	6.497121	6.284106	8.599215	8.316887	8.599215	8.316887	8.651676	8.368258
388005	3742146	59.13%	6.108891	5.834427	6.108891	5.834427	6.150413	5.872518	6.49801	6.204687	6.294989	6.011145	6.294989	6.011145	8.327439	7.956436	8.327439	7.956436	8.389459	8.014692

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
382973	3739597	73.28%	11.160081	10.82583	11.16008	10.82583	11.32303	10.98482	11.93352	11.57683	11.51145	11.16703	11.51145	11.16703	15.134378	14.67964	15.13438	14.67964	15.29275	14.83391
379841	3740022	71.14%	11.80826	11.53227	11.80826	11.53227	11.9964	11.71597	12.6357	12.34043	12.17498	11.89058	12.17498	11.89058	16.014197	15.63964	16.0142	15.63964	16.18865	15.80998
389258	3739250	63.11%	6.129088	5.972726	6.129088	5.972726	6.154069	5.997294	6.508889	6.343138	6.318124	6.157391	6.318124	6.157391	8.360467	8.146084	8.360467	8.146084	8.414914	8.199348
388234	3742867	54.90%	5.82178	5.651318	5.82178	5.651318	5.85886	5.687287	6.190557	6.009103	5.997958	5.821732	5.997958	5.821732	7.940146	7.70892	7.940146	7.70892	7.997781	7.764749
382152	3737824	76.19%	15.907384	14.96063	15.90738	14.96063	16.1887	15.22133	17.04719	16.02975	16.4216	15.44345	16.4216	15.44345	21.513012	20.23663	21.51301	20.23663	21.76565	20.47224
378944	3734805	46.24%	11.708973	11.24002	11.70897	11.24002	11.86678	11.39173	12.50393	12.00329	12.05283	11.57012	12.05283	11.57012	15.939486	15.30095	15.93949	15.30095	16.09448	15.44984
389533	3741212	59.42%	5.679653	5.53984	5.679653	5.53984	5.705242	5.564317	6.032731	5.883645	5.853118	5.708188	5.853118	5.708188	7.749552	7.560848	7.749552	7.560848	7.800878	7.610511
388859	3742514	60.12%	5.798975	5.538171	5.798975	5.538171	5.834404	5.570715	6.165432	5.886955	5.974937	5.705186	5.974937	5.705186	7.908912	7.556207	7.908912	7.556207	7.965692	7.609593
389020	3739872	57.07%	6.100378	5.905224	6.100378	5.905224	6.128231	5.931361	6.480433	6.272397	6.288554	6.086841	6.288554	6.086841	8.319376	8.054926	8.319376	8.054926	8.375047	8.108311
389472	3740264	59.68%	5.873891	5.659474	5.873891	5.659474	5.899008	5.68248	6.238377	6.009527	6.054081	5.832053	6.054081	5.832053	8.013718	7.724089	8.013718	7.724089	8.066289	7.773959
379181	3735610	45.05%	13.604367	13.02171	13.60437	13.02171	13.81171	13.2216	14.54837	13.92655	14.01726	13.41787	14.01726	13.41787	18.476445	17.68206	18.47645	17.68206	18.67087	17.86916
387188	3740575	62.24%	6.816111	6.516403	6.816111	6.516403	6.868115	6.56371	7.254843	6.934005	7.026133	6.716495	7.026133	6.716495	9.282863	8.877655	9.282863	8.877655	9.355323	8.945606
389579	3738221	67.15%	6.479022	6.268832	6.479022	6.268832	6.499995	6.29055	6.877481	6.655018	6.68099	6.46323	6.68099	6.46323	8.836676	8.551269	8.836676	8.551269	8.891958	8.60527
379407	3739022	61.65%	12.790607	12.51084	12.79061	12.51084	12.99643	12.71487	13.68791	13.39091	13.18658	12.90007	13.18658	12.90007	17.347752	16.96246	17.34775	16.96246	17.53746	17.14976
390399	3739915	62.89%	5.755151	5.541918	5.755151	5.541918	5.774348	5.559976	6.108521	5.881381	5.931445	5.709947	5.931445	5.709947	7.855601	7.568538	7.855601	7.568538	7.904399	7.614971
381871	3738620	77.40%	14.083772	13.49853	14.08377	13.49853	14.32293	13.72586	15.0846	14.4565	14.53377	13.92993	14.53377	13.92993	19.064017	18.273	19.06402	18.273	19.28183	18.48078
380385	3733112	60.10%	17.030186	16.46755	17.03019	16.46755	17.30544	16.73293	18.22673	17.6238	17.56047	16.97967	17.56047	16.97967	23.09059	22.32979	23.09059	22.32979	23.34446	22.57468
389036	3741241	62.87%	5.895869	5.668537	5.895869	5.668537	5.927132	5.697573	6.265824	6.022905	6.076702	5.840378	6.076702	5.840378	8.039985	7.734883	8.039985	7.734883	8.095721	7.787599
379775	3731051	65.89%	11.264101	10.98535	11.2641	10.98535	11.38374	11.10479	12.00122	11.70672	11.57595	11.29151	11.57595	11.29151	15.39431	15.00729	15.39431	15.00729	15.52386	15.1353
379822	3735045	50.73%	15.958998	15.56824	15.959	15.56824	16.22136	15.828	17.08313	16.66785	16.45577	16.05423	16.45577	16.05423	21.635913	21.10104	21.63591	21.10104	21.8759	21.33728
383537	3739930	65.63%	10.067396	9.676476	10.0674	9.676476	10.20414	9.806604	10.75762	10.33883	10.38269	9.978928	10.38269	9.978928	13.662532	13.13408	13.66253	13.13408	13.80008	13.26554
387465	3742345	55.80%	6.224822	5.918263	6.224822	5.918263	6.271085	5.959264	6.623954	6.295352	6.414287	6.097216	6.414287	6.097216	8.48336	8.069908	8.48336	8.069908	8.548467	8.130115
389765	3740701	57.37%	5.699991	5.539778	5.699991	5.539778	5.722949	5.561796	6.052438	5.881903	5.873913	5.708093	5.873913	5.708093	7.779314	7.562403	7.779314	7.562403	7.829446	7.610841
390098	3740230	59.97%	5.807953	5.559391	5.807953	5.559391	5.829135	5.579652	6.165871	5.901374	5.98614	5.727934	5.98614	5.727934	7.925973	7.591075	7.925973	7.591075	7.976174	7.638709
382957	3740576	73.32%	10.111834	9.66226	10.11183	9.66226	10.25269	9.796519	10.80711	10.32611	10.42724	9.962711	10.42724	9.962711	13.723294	13.11536	13.72329	13.11536	13.86293	13.24846
390623	3740004	62.70%	5.664822	5.477274	5.664822	5.477274	5.683014	5.494351	6.012057	5.812199	5.837987	5.643159	5.837987	5.643159	7.733585	7.48111	7.733585	7.48111	7.781188	7.526585
380096	3734974	51.38%	17.6568	17.11144	17.6568	17.11144	17.96129	17.40821	18.91274	18.3298	18.21451	17.65256	18.21451	17.65256	23.9116	23.17069	23.9116	23.17069	24.18569	23.43722
389847	3741751	59.98%	5.664978	5.491198	5.664978	5.491198	5.690337	5.515015	6.016986	5.831648	5.837848	5.657951	5.837848	5.657951	7.729919	7.494938	7.729919	7.494938	7.78101	7.543935
380473	3734491	45.03%	19.39438	18.78737	19.39438	18.78737	19.73962	19.12363	20.78325	20.13413	20.01387	19.38784	20.01387	19.38784	26.24335	25.4198	26.24335	25.4198	26.55107	25.71886
389894	3738960	64.24%	6.203827	5.971175	6.203827	5.971175	6.224504	5.99202	6.585325	6.338607	6.395807	6.154641	6.395807	6.154641	8.447267	8.139805	8.447267	8.139805	8.49998	8.199948
383041	3739433	72.36%	11.370232	10.86685	11.37023	10.86685	11.53723	11.02585	12.15918	11.62033	11.72915	11.20944	11.72915	11.20944	15.404359	14.73523	15.40436	14.73523	15.56671	14.88973
379899	3739740	72.38%	12.175872	11.83668	12.17587	11.83668	12.37152	12.02686	13.03057	12.6676	12.55507	12.20539	12.55507	12.20539	16.509364	16.04941	16.50936	16.04941	16.69033	16.22521
389193	3738664	64.13%	6.470974	6.250159	6.470974	6.250159	6.495808	6.274986	6.871475	6.637424	6.66031	6.438489	6.66031	6.438489	8.808224	8.515732	8.808224	8.515732	8.865064	8.571076
384704	3739154	63.97%	9.149587	8.810521	9.149587	8.810521	9.256332	8.911894	9.764901	9.401932	9.435819	9.08566	9.435819	9.08566	12.428565	11.96993	12.42857	11.96993	12.54488	12.08114
381437	3734112	50.78%	28.323572	27.25047	28.32357	27.25047	28.90474	27.8099	30.41501	29.26293	29.26375	28.15513	29.26375	28.15513	38.202145	36.74169	38.20215	36.74169	38.69642	37.2172
390296	3737362	56.95%	6.454476	6.105583	6.454476	6.105583	6.470947	6.123529	6.848524	6.479114	6.65601	6.293548	6.65601	6.293548	8.805242	8.333485	8.805242	8.333485	8.858206	8.384228
389492	3740248	59.65%	5.872659	5.667842	5.872659	5.667842	5.897686	5.690845	6.236998	6.018435	6.052787	5.840834	6.052787	5.840834	8.01215	7.735241	8.01215	7.735241	8.064655	7.785182
389517	3739600	62.43%	5.982255	5.795354	5.982255	5.795354	6.006191	5.818262	6.352471	6.153737	6.166169	5.973259	6.166169	5.973259	8.161755	7.907478	8.161755	7.907478	8.214554	7.958438
389536	3740757	59.38%	5.734354	5.57818	5.734354	5.57818	5.759214	5.602227	6.090198	5.923924	5.909568	5.747577	5.909568	5.747577	7.824595	7.613787	7.824595	7.613787	7.875955	7.663475
390248	3737686	60.75%	6.40512	6.05873	6.40512	6.05873	6.421618	6.076935	6.796203	6.429774	6.604939	6.245601	6.604939	6.245601	8.738217	8.268547	8.738217	8.268547	8.790827	8.319182
389459	3737689	58.96%	6.631295	6.353535	6.631295	6.353535	6.652327	6.374472	7.039134	6.744318	6.839031	6.550941	6.839031	6.550941	9.042448	8.666665	9.042448	8.666665	9.09902	8.720946
382217	3738795	72.74%	13.609653	12.74201	13.60965	12.74201	13.83577	12.9489	14.57327	13.64058	14.04423	13.14784	14.04423	13.14784	18.426314	17.25641	18.42631	17.25641	18.63424	17.44852
380194	3736308	59.05%	17.952455	17.23878	17.95246	17.23878	18.28257	17.55492	19.24583	18.48043	18.52788	17.79194	18.52788	17.79194	24.281477	23.31522	24.28148	23.31522	24.57187	23.59378
388854	3740055	57.44%	6.069914	5.866913	6.069914	5.866913	6.098125	5.894475	6.448451	6.232415	6.257242	6.046107	6.257242	6.046107	8.277326	8.004285	8.277326	8.004285	8.332983	8.057872
386767	3739844	59.28%	7.219033	6.846814	7.219033	6.846814	7.277095	6.898635	7.68617	7.287483	7.442894	7.058579	7.442894	7.058579	9.826735	9.323267	9.826735	9.323267	9.905219	9.395998
388039	3738643	65.44%	6.671477	6.369374	6.671477	6.369374	6.70614	6.402206	7.090663	6.768881	6.879531	6.566351	6.879531	6.566351	9.090794	8.682865	9.090794	8.682865	9.154195	8.742925
380825	3733609	51.44%	20.147364	19.50845	20.14736	19.50845	20.50657	19.85601	21.591	20.90614	20.79238	20.1331	20.79238	20.1331	27.25847	26.33246	27.25847	26.33246	27.57871	26.64147
381497	3733030	53.49%	23.690174	22.40961	23.69017	22.40961	24.13687	22.82879	25.40951	24.0333	24.46596	23.14192	24.46596	23.14192	32	30.27555	32	30.27555	32.39188	30.64435
387362	3740183	59.38%	6.849496	6.434157	6.849496	6.434157	6.899044	6.477843	7.288863	6.844464	7.061583	6.631797	7.061583	6.631797	9.327838	8.767413	9.327838	8.767413	9.399511	8.833024
388668	3737492	66.40%	6.817606	6.620608	6.817606	6.620608	6.843862	6.646909	7.240304	7.031462	7.032013	6.828267	7.032013	6.828267	9.291862	9.024015	9.291862	9.024015	9.352471	9.083156
380507	3736370	51.39%	19.429188	18.89834	19.42919	18.89834	19.78849	19.25171	20.83127	20.26542	20.05482	19.50913	20.05482	19.50913	26.271449	25.54622	26.27145	25.54622	26.58725	25.85574
380478	3736076	51.89%	19.82883	19.39862	19.82883	19.39862	20.1984	19.76379	21.26212	20.80396	20.46863	20.02675	20.46863	20.02675	26.806887	26.2183	26.80689	26.2183	27.13093	26.53755
387306	3739448	61.31%	6.877622	6.613419	6.877622	6.613419	6.923506	6.657285	7.316283	7.034916	7.090946	6.818084	7.090946	6.818084	9.367821	9.009085	9.367821	9.009085	9.437953	9.076311
386955	3740430	62.21%	6.948563	6.681502	6.948563	6.681502	7.002871	6.732111	7.396852	7.111235	7.163128	6.887064	7.163128	6.887064	9.461482	9.100465	9.461482	9.100465	9.536071	9.171258
386883	3740498	59.42%	6.95252	6.676458	6.95252	6.676458	7.007389	6.726862	7.401386	7.105733	7.167056	6.881806	7.167056	6.881806	9.466858	9.093785	9.466858	9.093785	9.541725	9.164428
387067	3741097	56.92%	6.653857	6.42794	6.653857	6.42794	6.704572	6.475469	7.081887	6.840199	6.858106	6.624486	6.858106	6.624486	9.063608	8.758381	9.063608	8.758381	9.134158	8.825676
381098	3735252	52.19%	25.091781	24.27619	25.09178	24.27619	25.59188	24.76011	26.93233	26.05711	25.9173	25.07533	25.9173	25.07533	33.868004	32.76617	33.868	32.76617	34.2971	33.18153
381167	3735184	55.92%	24.801656	24.27378	24.80166	24.21288	25.30213	24.70181	26.62564	25.99388	25.61957	25.01138	25.61957	25.01138	33.468444	32.67382	33.46844	32.67382	33.89601	33.09145
387129	3740300	60.17%	6.92435	6.573121	6.92435	6.573121	6.977461	6.620411	7.370386	6.994206	7.138158	6.775396	7.138158	6.775396	9.429143	8.954304	9.429143	8.954304	9.502976	9.022719
381405	3733242	55.91%	23.486728	22.70539	23.48673	22.70539	23.92723	23.13136	25.18951	24.35121	24.25517	23.4471	24.25517	23.4471	31.72772	30.6748	31.72772	30.6748	32.11505	31.049
381411	3733508	55.35%	25.28543	24.1015	25.28543	24.1015	25.77686	24.56692	27.13166	25.85899	26.11741	24.89354	26.11741	24.89354	34.13732	32.54269	34.13732	32.54269	34.56355	32.9473
381414	3733803	54.37%	26.34425	25.40245	26.34425	25.40245	26.86785	25.9066	28.27678	27.26547	27.21459	26.24202	27.21459	26.24202	35.552049	34.28075	35.55205	34.28075	36.00258	34.71487
387721	3742199	55.16%	6.126225	5.916594	6.126225	5.916594	6.168258	5.95703	6.516688	6.29324	6.3128	6.095629	6.3128	6.095629	8.350949	8.067759	8.350949	8.067759	8.413315	8.127693
383262	3736996	66.32%	13.770357	13.13757	13.77036	13.13757	13.986	13.34107	14.738	14.05894	14.21489	13.56091	14.21489	13.56091	18.641915	17.78802	18.64192	17.78802	18.84671	17.98226
382659	3737519	68.63%	15.121422	14.39588	15.12142	14.39588	15.3793	14.63819	16.19845	15.41895	15.61037	14.86077	15.61037	14.86077	20.455627	19.47733	20.45563	19.47733	20.69108	19.69994
382237	3737492	76.70%	16.675203	15.86388	16.6752	15.86388	16.97482	16.14628	17.87381	17.00236	17.2163	16.37841	17.2163	16.37841	22.543879	21.44935	22.5392	21.44935	22.80686	21.70255
381821	3737471	80.22%	17.323432	16.59443	17.32343	16.59443	17.64089	16.89711	18.57302	17.7905	17.88608	17.1333	17.88608	17.1333	23.415454	22.43118	23.41545	22.43118	23.69657	22.69978
382575	3735031	59.68%	15.679763	14.56747	15.67976	14.56747	15.92526	14.76125	16.78267	15.55747	16.18972	15.01227	16.18972	15.01227	21.21868	19.72204	21.13288	19.68684	21.39438	19.89847
382628.5	3735071	59.94%	15.559211	14.59738	15.55921	14.59738	15.80024	14.81176	16.65198	15.31581	16.06556	14.78056	16.06556	14.78056	21.056438	19.76129	21.05644	19.38479	21.28737	19.59271
382704.9	3735128	63.89%	15.248498	14.13683	15.2485	14.13683	15.48141	14.34533	16.31716	15.12202	15.74445	14.59523	15.74445	14.59523	20.6386	19.14184	20.6386	19.14184	20.86327	19.34613
382767.5	3735065	58.03%	14.215407	13.54329	14.21541	13.54329	14.41978	13.73417	15.20232	14.48084	14.67563	13.98149	14.67563	13.98149	19.25265	18.34556	19.25265	18.34556	19.45532	18.53006
382828.6	3735107	58.53%	14.102384	13.29418	14.10238	13.29418	14.30415	13.47885	15.08076	14.21256	14.55892	13.72399	14.55892	13.72399	19.100577	18.01037	19.10058	18.01037	19.30112	18.19512
382858.8	3735097	58.21%	13.870676	13.13325	13.87068	13.13325	14.06575	13.31351	14.83052	14.0043	14.31914	13.54245	14.31914	13.54245	18.789654	17.79471	18.78965	17.79471	18.98529	17.92723
382915.1	3735162	58.85%	13.857627	12.92839	13.85763	12.92839	14.05321	13.09412	14.81705	13.80812	14.30581	13.3355	14.30581	13.3355	18.771487	17.50564	18.77149	17.50564	18.96717	17.68417
383713	3735584	65.28%	11.661543	10.92911	11.66154	10.92911	11.80286	11.05713	12.45258	11.66717	12.03681	11.27989	12.03681	11.27989	15.815289	14.82668	15.81529	14.82668	15.96809	14.96759
383722.9	3735566	63.02%	11.593901	10.92636	11.5939	10.92636	11.73307	11.05411	12.37942	11.66409	11.96692	11.27708	11.96692	11.27708	15.724538	14.82301	15.72454	14.82301	15.87581	14.96378
383697.5	3735551	63.62%	11.649364	10.97551	11.64936	10.97551	11.79011	11.10439	12.43925	11.71699	12.02414	11.32797	12.02414	11.32797	15.799258	14.88905	15.79926	14.88905	15.95173	15.03079
383513.6	3735351	64.00%	11.783678	11.34839	11.78368	11.34839	11.92666	11.48493	12.58299	12.11703	12.16248	11.71229	12.16248	11.71229	15.981615	15.38896	15.98162	15.34676	16.13615	15.53674
382977.5	3735085	49.38%	13.1693	12.68705	13.1693	12.68705	13.34282	12.83915	14.07281	13.55658	13.59306	12.98372	13.59306	12.98372	17.847981	17.17206	17.84798	17.17235	18.02808	17.19655
383145.9	3734712	53.52%	12.637953	12.23713	12.63795	12.23713	12.79595	12.39127	13.49921	13.07186	13.04692	12.6332	13.04692	12.6332	17.131582	16.58736	17.13158	16.58736	17.30011	16.7387
383112.8	3734692	66.18%	12.760652	12.41538	12.76065	12.41538	12.92201	12.57278	13.63142	13.26281	13.17335	12.8167	13.17335	12.8167	17.297257	16.82945	17.29726	16.82945	17.46825	16.98059
383065.6	3734773	58.27%	12.905726	12.46792	12.90573	12.46668	13.0697	12.62439	13.78683	13.31747	13.32273	12.86994	13.32273	12.86994	17.494235	16.89864	17.49424	16.89864	17.66753	17.06575
382925.9	3734712	65.95%	13.713942	13.03669	13.71394	13.03669	13.8982	13.20706	14.65749	13.93019	14.15863	13.45876	14.15863	13.45876	18.580105	17.66703	18.58011	17.66703	18.76952	17.83094
382903.6	3734755	62.71%	13.75754	13.05405	13.75754	13.05405	13.94381	13.22573	14.70504	13.9389	14.20352	13.45908	14.20352	13.45908	18.638627	17.68128	18.63863	17.67894	18.82925	17.84398
382664.8	3734643	55.64%	14.964848	14.28733	14.96485	14.28733	15.1849	14.49383	16.00767	15.28031	15.45126	14.75101	15.45126	14.75101	20.260587	19.34711	20.26059	19.34711	20.47687	19.55163
382810.4	3734273	61.49%	14.698299	13.87497	14.6983	13.87815	14.90829	14.06053	15.71887	14.83746	15.17754	14.31269	15.17754	14.31269	19.900733	18.79113	19.90073	18.79564	20.1103	18.97756
382837.4	3734182	67.27%	14.71052	13.90733	14.71052	13.90789	14.91863	14.04122	15.73063	14.86858	15.18974	14.30159	15.18974	14.30159	19.917674	18.79046	19.91767	18.83551	20.12648	18.98141

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
382763.3	3734087	68.92%	15.257554	14.2228	15.26867	14.30835	15.45608	14.3639	16.33158	15.3003	15.7159	14.60196	15.7159	14.60196	20.665004	19.34594	20.66753	19.37334	20.88353	19.47987
382485.1	3733963	54.21%	17.472457	16.56512	17.47246	16.56512	17.75481	16.82845	18.70892	17.73439	18.04552	17.10849	18.04552	17.10849	23.629017	22.40439	23.62902	22.40439	23.89503	22.65445
382173.4	3733819	61.41%	20.96263	20.16001	20.96263	19.96785	21.34095	20.52378	22.47399	21.34074	21.65385	20.82512	21.65385	20.82512	28.316148	27.23128	28.31615	27.10543	28.65549	27.55766
382203.6	3733740	62.10%	20.833456	19.94388	20.83346	19.93849	21.20678	20.3005	22.33371	21.37429	21.52045	20.60192	21.52045	20.60192	28.143102	26.94105	28.1431	26.93288	28.47901	27.26238
382087.1	3733719	60.26%	22.539331	21.6734	22.53933	21.6734	22.95931	22.07718	24.17399	23.24554	23.28469	22.3911	23.28469	22.3911	30.432893	29.26212	30.43289	29.26212	30.80468	29.61973
382088.9	3733645	61.97%	22.86062	21.74795	22.86062	21.74795	23.28806	22.1527	24.51974	23.32521	23.61724	22.46829	23.61724	22.46829	30.864561	29.36232	30.86456	29.36232	31.24251	29.72107
382015.6	3733643	60.88%	24.216324	23.15399	24.21632	23.15399	24.68108	23.59723	25.98239	24.84213	25.01926	23.92255	25.01926	23.92255	32.684365	31.24972	32.68437	31.24972	33.09095	31.63798
382015.2	3733608	60.06%	24.366371	23.23192	24.35898	23.23133	24.83208	23.67691	26.13605	24.92526	25.16665	24.00246	25.16665	24.00246	32.876205	31.35374	32.87621	31.35374	33.28559	31.74348
382530.1	3735089	60.33%	16.922513	15.55389	16.92251	15.24859	17.2032	15.48907	18.12419	16.32225	17.47515	15.74425	17.47515	15.74425	22.885593	20.63487	22.88559	20.61947	23.14632	20.86311
382552.6	3735060	58.45%	16.300365	15.01851	16.30037	14.91931	16.5631	15.14975	17.45235	15.69101	16.83164	15.31089	16.83164	15.31089	22.051517	20.19398	22.05152	19.85168	22.2986	20.06721
382601.8	3735051	59.43%	15.630287	14.52142	15.63029	14.52142	15.87378	14.74047	16.72893	15.44014	16.13883	14.89948	16.13883	14.89948	21.151877	19.65964	21.15188	19.53954	21.38451	19.74998
382666.7	3735100	61.56%	15.423504	14.35507	15.4235	14.35507	15.66071	14.56911	16.50553	15.26375	15.92544	14.73111	15.92544	14.73111	20.873951	19.43541	20.87395	19.31931	21.10197	19.5262
382736.2	3735096	61.12%	14.620903	13.76861	14.6209	13.76861	14.83625	13.9661	15.63976	14.72418	15.09508	14.21436	15.09508	14.21436	19.796762	18.64797	19.79676	18.64797	20.00805	18.84415
382798	3735086	58.47%	14.173924	13.39245	14.17392	13.39245	14.37727	13.57955	15.15771	14.31836	14.63293	13.8254	14.63293	13.8254	19.196854	18.14288	19.19685	18.14288	19.39879	18.32915
382887	3735129	58.39%	13.886757	13.05706	13.88676	13.052	14.08245	13.2304	14.84802	13.95157	14.33599	13.47351	14.33599	13.47351	18.810907	17.68516	18.81091	17.68516	19.00691	17.86636
382957.1	3735184	58.08%	13.68909	12.73839	13.68909	12.72892	13.88053	12.90004	14.63548	13.60397	14.13139	13.13909	14.13139	13.13909	18.545182	17.25109	18.54518	17.25109	18.73754	17.4249
382999.1	3735206	57.95%	13.556454	12.59268	13.55645	12.56198	13.74355	12.72863	14.49209	13.42399	13.99475	12.96657	13.99475	12.96657	18.366494	17.02661	18.36649	17.02661	18.55583	17.19691
383041.1	3735228	57.89%	13.464195	12.42508	13.4642	12.40247	13.64852	12.56569	14.39256	13.25247	13.89972	12.80141	13.89972	12.80141	18.241966	16.81236	18.24197	16.81236	18.42939	16.98007
383083.1	3735251	57.81%	13.401048	12.27907	13.40105	12.26375	13.584	12.42349	14.32479	13.10314	13.83464	12.65828	13.83464	12.65828	18.156519	16.62531	18.15652	16.62531	18.34278	16.79112
383125.1	3735273	59.07%	13.305666	12.12473	13.30567	12.11557	13.48693	12.27177	14.22246	12.94373	13.73601	12.50534	13.73601	12.50534	18.027897	16.42539	18.0279	16.42539	18.21257	16.58742
383167	3735295	58.75%	13.179691	12	13.17969	11.98848	13.35892	12.14133	14.08751	12.80692	13.60556	12.37453	13.60556	12.37453	17.85833	16.25339	17.85833	16.25339	18.04107	16.4126
383209	3735317	59.17%	13.049787	11.88423	13.04979	11.86743	13.22659	12.01774	13.94813	12.67696	13.4712	12.24969	13.4712	12.24969	17.683181	16.0615	17.68318	16.0615	17.86373	16.21924
383251	3735339	59.32%	12.92703	11.83732	12.92703	11.7786	13.10109	11.92754	13.81616	12.58185	13.3445	12.15784	13.3445	12.15784	17.517488	15.96975	17.51749	15.83395	17.69581	15.98897
383293	3735362	58.90%	12.794924	11.73613	12.79492	11.73613	12.96604	11.88483	13.67412	12.53665	13.20791	12.11389	13.20791	12.11389	17.339683	15.9122	17.33968	15.6106	17.51555	15.88862
383335	3735384	58.64%	12.665631	11.6436	12.66563	11.62461	12.83379	11.77028	13.53498	12.41641	13.07405	11.99878	13.07405	11.99878	17.166055	15.76202	17.16606	15.56302	17.33947	15.8714
383377	3735406	58.52%	12.54718	11.53463	12.54718	11.45422	12.71233	11.59574	13.40737	12.2329	12.95161	11.82239	12.95161	11.82239	17.006722	15.53331	17.00672	15.49041	17.17781	15.68471
383419	3735428	58.74%	12.420321	11.43867	12.42032	11.43867	12.58245	11.51489	13.2708	12.148	12.82035	11.74102	12.82035	11.74102	16.836322	15.42731	16.83632	15.42531	17.0049	15.57706
383461	3735451	59.15%	12.311365	11.33242	12.31137	11.33242	12.47045	11.45117	13.1533	12.08096	12.70789	11.67648	12.70789	11.67648	16.689568	15.34345	16.68957	15.34345	16.85593	15.49203
383503	3735473	60.74%	12.210426	11.2521	12.21043	11.2521	12.3665	11.38871	13.04434	12.01531	12.60385	11.61346	12.60385	11.61346	16.553519	15.26147	16.55352	15.26147	16.71773	15.4089
383545	3735495	60.44%	12.100617	11.18072	12.10062	11.18072	12.25367	11.31574	12.92591	11.93853	12.49045	11.53955	12.49045	11.53955	16.405787	15.16559	16.40579	15.16559	16.56765	15.31169
383587	3735517	60.62%	11.981973	11.13034	11.98197	11.13034	12.13203	11.26368	12.79809	11.88406	12.36774	11.48773	12.36774	11.48773	16.246383	15.09748	16.24638	15.09748	16.40588	15.24249
383629	3735539	62.55%	11.85453	11.07477	11.85453	11.07477	12.00163	11.20638	12.66093	11.82403	12.2358	11.43051	12.2358	11.43051	16.075254	15.0225	16.07525	15.0225	16.23239	15.16631
383671	3735562	63.52%	11.758487	11.00761	11.75849	11.00761	11.90266	11.13745	12.55722	11.75165	12.13679	11.36114	12.13679	11.36114	15.945809	14.93212	15.94581	14.93212	16.1008	15.07457
383666.9	3735518	61.20%	11.675552	10.97814	11.67555	10.97814	11.81705	11.10666	12.46744	11.71955	12.05096	11.33075	12.05096	11.33075	15.834923	14.8927	15.83492	14.8927	15.98792	15.02533
383636.2	3735484	59.71%	11.699802	10.96813	11.6998	10.96813	11.8419	11.09621	12.49351	11.70861	12.07585	11.32032	12.07585	11.32032	15.867955	14.87953	15.86796	14.87953	16.02132	15.00689
383605.5	3735451	60.53%	11.73936	11.1228	11.73936	11.1228	11.88192	11.255	12.53581	11.87537	12.1169	11.48019	12.1169	11.48019	15.921152	15.08734	15.92115	14.99805	16.07511	15.22096
383574.9	3735417	61.64%	11.76654	11.2604	11.76654	11.2604	11.90937	11.39433	12.56481	12.0238	12.14501	11.61717	12.14501	11.61717	15.957794	15.26608	15.95779	14.95121	16.11219	15.19349
383544.2	3735384	62.08%	11.78124	11.31861	11.78124	11.31861	11.92422	11.45287	12.58046	12.08314	12.16014	11.67937	12.16014	11.67937	15.977943	15.34579	15.97794	15.03	16.13238	15.2016
383468.9	3735329	63.59%	11.872542	11.40615	11.87254	11.40615	12.01834	11.54458	12.67901	12.17984	12.25401	11.77277	12.25401	11.77277	16.101443	15.46771	16.10144	15.33161	16.25798	15.56129
383424.2	3735306	62.98%	11.984777	11.44897	11.98478	11.44897	12.1334	11.58678	12.79992	12.22416	12.37007	11.81525	12.37007	11.81525	16.25236	15.52326	16.25236	15.36686	16.41107	15.61514
383379.6	3735284	62.50%	12.101352	11.49359	12.10135	11.49359	12.25275	11.63211	12.92539	12.27193	12.49064	11.86136	12.49064	11.86136	16.409083	15.58359	16.40908	15.48059	16.56996	15.6301
383334.9	3735262	62.15%	12.226093	11.54801	12.22609	11.54801	12.3802	11.68977	13.05949	12.33249	12.61967	11.91071	12.61967	11.91071	16.576895	15.66023	16.5769	15.64903	16.74017	15.8004
383290.2	3735240	61.51%	12.352384	11.60937	12.35238	11.60937	12.50907	11.74917	13.19513	12.39527	12.75026	11.97601	12.75026	11.97601	16.747045	15.7337	16.74705	15.7337	16.91251	15.8854
383245.6	3735218	60.90%	12.464004	11.77701	12.464	11.77701	12.62301	11.91706	13.31498	12.57194	12.86546	12.15036	12.86546	12.15036	16.897808	15.9603	16.89781	15.9603	17.06521	16.11405
383200.9	3735196	59.90%	12.580446	11.97878	12.58045	11.97878	12.74124	12.11827	13.43961	12.78364	12.98574	12.35402	12.98574	12.35402	17.055329	16.22532	17.05533	16.22532	17.22444	16.38338
383156.2	3735174	57.78%	12.724234	12.11436	12.72423	12.11436	12.88661	12.26647	13.59316	12.93978	13.13457	12.50217	13.13457	12.50217	17.249541	16.42551	17.24954	16.42433	17.42	16.56437
383111.5	3735152	52.64%	12.938109	12.21001	12.93811	12.21001	13.10373	12.36448	13.82292	13.04261	13.35448	12.60017	13.35448	12.60017	17.537642	16.5554	17.53764	16.55472	17.71055	16.69598
383066.9	3735130	52.50%	13.076742	12.38232	13.07674	12.38232	13.24535	12.54043	13.97211	13.22828	13.49716	12.76753	13.49716	12.76753	17.724554	16.78765	17.72455	16.7799	17.89944	16.86101
383022.2	3735107	51.16%	13.135597	12.53359	13.1356	12.53359	13.30682	12.67583	14.03599	13.39113	13.55786	12.90759	13.55786	12.90759	17.801854	16.96549	17.80402	16.96945	17.98086	17.11836
382996.2	3735044	47.12%	13.093126	12.49648	13.09313	12.49648	13.26426	12.65811	13.98996	13.35141	13.51527	12.73431	13.51527	12.73431	17.747276	16.93876	17.74728	16.93876	17.92523	16.8601
383014.9	3735002	47.66%	12.964625	12.49727	12.96463	12.49727	13.12915	12.65692	13.84852	13.31883	13.38038	12.71921	13.38038	12.71921	17.572459	16.93955	17.57246	16.93955	17.74717	16.87033
383033.7	3734961	47.23%	12.93346	12.40124	12.93576	12.4017	13.09843	12.48352	13.81658	13.16876	13.3504	12.72583	13.3504	12.72583	17.53347	16.8123	17.53347	16.7426	17.70724	16.87923
383052.4	3734919	48.00%	12.880106	12.33998	12.88225	12.34001	13.0433	12.47977	13.75887	13.16499	13.29539	12.72248	13.29539	12.72248	17.461725	16.73024	17.46173	16.73024	17.63422	16.8747
383071.1	3734878	50.24%	12.820798	12.30576	12.8208	12.30622	12.98243	12.46009	13.69501	13.14427	13.23434	12.70255	13.23434	12.70255	17.381468	16.68406	17.38147	16.68406	17.55285	16.84808
383089.8	3734836	50.58%	12.784798	12.27677	12.78502	12.2769	12.94577	12.43081	13.65654	13.11344	13.19755	12.67292	13.19755	12.67292	17.332026	16.64408	17.33203	16.64408	17.50288	16.80782
383108.5	3734795	52.57%	12.735415	12.24801	12.73542	12.24801	12.89567	12.40074	13.60383	13.08308	13.14694	12.64233	13.14694	12.64233	17.264291	16.60184	17.26429	16.60184	17.43452	16.7655
383127.2	3734754	52.11%	12.684418	12.3193	12.68442	12.3193	12.84367	12.38842	13.54922	13.0702	13.09461	12.6299	13.09461	12.6299	17.194754	16.58396	17.19475	16.58619	17.36415	16.74766
383089.2	3734733	63.11%	12.824488	12.4468	12.82449	12.4468	12.98732	12.59314	13.69996	13.28428	13.2389	12.83748	13.2389	12.83748	17.384201	16.85507	17.3842	16.85507	17.55629	17.02215
383030.6	3734758	60.59%	13.147241	12.63835	13.14724	12.63835	13.29351	12.76774	14.02235	13.46821	13.54946	13.01479	13.54946	13.01479	17.789091	17.08835	17.78909	17.08835	17.96631	17.25793
382995.7	3734743	60.32%	13.363387	12.87673	13.36339	12.87673	13.53733	13.04256	14.27892	13.74683	13.77316	13.28184	13.77316	13.28184	18.080039	17.45114	18.08004	17.43501	18.26147	17.60938
382960.8	3734727	62.71%	13.547339	12.9613	13.54734	12.9613	13.7265	13.12928	14.47748	13.84862	13.98648	13.38077	13.98648	13.38077	18.347173	17.56614	18.35665	17.56614	18.5284	17.71678
382863.8	3734736	62.22%	13.957446	13.2779	13.95745	13.2779	14.14948	13.45581	14.92081	14.18636	14.41029	13.70672	14.41029	13.70672	18.906809	17.99063	18.90681	17.99063	19.10185	18.14373
382824	3734718	61.15%	14.173311	13.41418	14.17331	13.41418	14.37113	13.59644	15.15363	14.33834	14.63361	13.84866	14.63361	13.84866	19.196539	18.17387	19.19654	18.17387	19.39604	18.34761
382784.2	3734699	60.16%	14.386917	13.65448	14.38692	13.65448	14.59051	13.84338	15.38397	14.5976	14.85434	14.09696	14.85434	14.09696	19.483665	18.49686	19.48367	18.49686	19.6876	18.68441
382744.4	3734681	59.88%	14.585192	13.762	14.58519	13.762	14.79445	13.95374	15.59797	14.71333	15.05911	14.20801	15.05911	14.20801	19.750534	18.64159	19.75053	18.64159	19.95864	18.83489
382704.6	3734662	59.78%	14.759136	14.08725	14.75914	14.08725	14.97391	14.28756	15.78597	15.06408	15.23833	14.54443	15.23833	14.54443	19.984663	19.07821	19.98466	19.07821	20.19672	19.27817
382683	3734597	54.91%	14.980543	14.29517	14.98054	14.29517	15.20011	14.50095	16.02407	15.2881	15.46776	14.75925	15.46776	14.75925	20.281841	19.35798	20.28184	19.35798	20.49801	19.56223
382701.2	3734551	56.58%	14.94336	14.23001	14.94336	14.23001	15.16191	14.43385	15.98403	15.21785	15.4295	14.6922	15.4295	14.6922	20.231232	19.26978	20.23123	19.26978	20.44669	19.47267
382719.4	3734504	58.05%	14.899646	14.13907	14.89965	14.13907	15.11717	14.34052	15.93717	15.11992	15.38462	14.59858	15.38462	14.59858	20.172036	19.14706	20.17204	19.14706	20.38666	19.34809
382737.6	3734458	60.29%	14.857754	14.0481	14.85775	14.0481	15.074	14.18322	15.89185	15.02175	15.3415	14.43826	15.3415	14.43826	20.115209	19.02455	20.11521	19.02455	20.32892	19.21522
382755.8	3734412	59.65%	14.829943	13.99353	14.82994	13.99514	15.04496	14.149	15.86165	14.9627	15.31301	14.40651	15.31301	14.40651	20.077668	18.95344	20.07767	18.95344	20.29056	19.14232
382774	3734365	58.07%	14.781205	13.99702	14.78121	13.99893	14.99463	14.15916	15.80893	14.96641	15.26282	14.41745	15.26282	14.41745	20.012182	18.95514	20.01218	18.95803	20.22401	19.153
382792.2	3734319	62.41%	14.738564	13.96118	14.73856	13.96748	14.95024	14.15658	15.76262	14.93412	15.21882	14.23078	15.21882	14.23078	19.954703	18.91323	19.9547	18.91564	20.16538	19.10387
382823.9	3734227	55.78%	14.707491	13.89321	14.70749	13.89486	14.91665	14.02854	15.72808	14.85497	15.1872	14.28859	15.1872	14.28859	19.913235	18.74153	19.91324	18.81813	20.12256	18.93525
382812.7	3734150	66.40%	14.884935	13.95453	14.88633	13.99132	15.09749	14.10656	15.91998	14.95858	15.37093	14.34104	15.37093	14.34104	20.153798	18.93465	20.1538	18.94746	20.36406	19.08505
382788	3734119	67.40%	15.076011	14.08415	15.08203	14.17075	15.25777	14.21808	16.13069	15.15212	15.52296	14.4556	15.52296	14.4556	20.414149	19.15901	20.41671	19.18853	20.62985	19.28468
382723.6	3734069	67.84%	15.503986	14.52671	15.52933	14.65768	15.70678	14.68531	16.61231	15.67656	15.98507	14.92827	15.98507	14.92827	21.013116	19.80232	21.01791	19.8423	21.23809	19.89398
382683.8	3734052	71.20%	15.785217	14.90313	15.78896	14.99278	15.99828	15.05934	16.89199	16.03785	16.25473	15.30586	16.25473	15.30586	21.364759	20.26671	21.36689	20.29262	21.59133	20.41455
382644.1	3734034	70.33%	16.132256	15.32365	16.13645	15.35453	16.37647	15.51437	17.26674	16.42782	16.66104	15.75992	16.66104	15.75992	21.833696	20.77438	21.8337	20.77852	22.06473	20.97535
382604.3	3734016	67.48%	16.474962	15.68991	16.47496	15.69472	16.7287	15.92757	17.63213	16.79483	17.01492	16.19361	17.01492	16.19361	22.288868	21.22843	22.28887	21.23573	22.53332	21.45983
382564.6	3733999	59.00%	16.824115	15.97258	16.82412	15.97258	17.08763	16.21828	18.00883	17.09439	17.37556	16.49617	17.37556	16.49617	22.757969	21.60883	22.75797	21.60883	23.00987	21.84581
382524.8	3733981	54.88%	17.144656	16.32163	17.14466	16.32163	17.41763	16.57737	18.35509	17.47117	17.70674	16.85706	17.70674	16.85706	23.188742	22.07734	23.18874	22.07734	23.44773	22.32186
382440.6	3733943	53.03%	17.851339	16.9557	17.85134	16.9557	18.14414	17.2301	19.1176	18.15596	18.43716	17.51237	18.43716	17.51237	24.13765	22.92844	24.13765	22.92844	24.41163	23.18693
382396	3733922	53.12%	18.267661	17.53648	18.26766	17.53648	18.57191	17.82667	19.5667	18.78243	18.86747	18.11295	18.86747	18.11295	24.696934	23.70821	24.69693	23.70821	24.97963	23.97877
382351.5	3733901	56.14%	18.708598	18.20215	18.7086	18.20215	19.02542	18.51115	20.04267	19.50095	19.32329	18.80141	19.32329	18.80141	25.289197	24.60141	25.2892	24.60141	25.58136	24.88628
382307	3733881	58.34%	19.230838	18.85843	19.23084	18.85843	19.56191	19.185	20.60599	20.20877	19.86314	19.4803	19.86314	19.4803	25.990466	25.48243	25.99047	25.48243	26.29361	25.78093
382262.4	3733860	59.35%	19.761394	19.2525	19.76139	19.2525	20.10731	19.59067	21.17846	20.63421	20.41162	19.88721	20.41162	19.88721	26.703235	26.01214	26.70324	26.01214	27.01756	26.31927

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
382217.9	3733840	60.05%	20.359598	19.6659	20.3596	19.6659	20.72186	20.01586	21.82377	21.08034	21.03012	20.31436	21.03012	20.31436	27.506726	26.56758	27.50673	26.56758	27.83352	26.88341
382188.5	3733780	63.15%	20.904486	20.05502	20.90449	19.96555	21.28045	20.41539	22.41079	21.40396	21.59387	20.71664	21.59387	20.71664	28.238383	27.09034	28.23838	26.96907	28.57615	27.41425
382165.1	3733729	59.79%	21.28217	20.61945	21.28217	20.61945	21.66822	20.99504	22.81811	22.10894	21.98476	21.30105	21.98476	21.30105	28.745095	27.84689	28.7451	27.84689	29.09068	28.18268
382125.9	3733726	60.50%	21.799973	21.08815	21.79997	21.08815	22.19984	21.47589	23.37644	22.61415	22.52001	21.78577	22.52001	21.78577	29.440465	28.47646	29.44047	28.47646	29.79681	28.82179
382088	3733682	61.23%	22.698918	21.7151	22.69892	21.7151	23.12263	22.11948	24.34572	23.29012	23.44996	22.43433	23.44996	22.43433	30.647389	29.31808	30.64739	29.31808	31.02222	29.67638
382052.3	3733644	61.27%	23.514171	22.4504	23.51417	22.4504	23.95957	22.8744	25.22488	24.08304	24.29318	23.1948	24.29318	23.1948	31.741778	30.30522	31.74178	30.30522	32.13359	30.67873
381977.3	3733607	61.01%	24.989148	23.9525	24.98095	23.9524	25.47422	24.41729	26.80715	25.70313	25.81773	24.74813	25.81773	24.74813	33.711677	32.32193	33.71168	32.32193	34.13417	32.72686
382569.5	3735119	62.32%	16.933298	15.41349	16.9333	15.40568	17.21357	15.65054	18.13549	16.31639	17.4869	15.73865	17.4869	15.73865	22.899274	20.62676	22.89927	20.62676	23.15999	20.85511
382609	3735150	64.56%	16.872912	15.46072	16.87291	15.46072	17.1512	15.69398	18.0703	16.31748	17.42487	15.70417	17.42487	15.70417	22.817688	20.53362	22.81769	20.34052	23.07698	20.5644
382648.5	3735181	65.71%	16.726327	15.20806	16.72633	15.20806	17.00109	15.43899	17.91248	16.23822	17.27348	15.55433	17.27348	15.55433	22.620053	20.38474	22.62005	20.38474	22.87661	20.60961
382515.2	3735111	61.01%	17.34328	15.90788	17.34328	15.90788	17.63645	16.13114	18.57889	16.68213	17.91051	16.08882	17.91051	16.08882	23.44943	21.08082	23.44943	21.08082	23.71948	21.31654
382740.6	3735163	63.59%	15.140059	14.02208	15.14006	13.97838	15.37123	14.18328	16.20094	14.95166	15.6321	14.43151	15.6321	14.43151	20.492415	18.92796	20.49242	18.92796	20.7154	19.12943
382744.4	3735213	66.38%	15.628553	14.58125	15.62855	14.58125	15.87508	14.80433	16.72937	15.60331	16.13763	14.49213	16.13763	14.49213	21.146646	19.00444	21.14665	19.00444	21.38087	19.20809
382678.6	3735218	67.41%	16.736119	15.3655	16.73612	15.3655	17.01247	15.60314	17.92404	16.43487	17.28363	15.66155	17.28363	15.66155	22.632164	20.18	22.63216	19.9773	22.88952	20.26249
382807.6	3735167	64.81%	14.461419	13.77538	14.46142	13.77538	14.67451	13.97464	15.46905	14.73269	14.93016	14.22193	14.93016	14.22193	19.5815	18.54177	19.5815	18.41657	19.79042	18.60993
382780.1	3735248	66.12%	15.466559	14.33496	15.46656	14.33496	15.71015	14.55253	16.5555	15.33855	15.96991	14.7471	15.96991	14.7471	20.928221	19.15559	20.92822	19.15559	21.15982	19.36215
382843.3	3735202	63.60%	14.339812	13.68158	14.33981	13.66888	14.55052	13.86666	15.33847	14.61877	14.80441	14.11166	14.80441	14.11166	19.417663	18.51121	19.41766	18.42511	19.62451	18.70687
382875.1	3735144	58.78%	14.025294	13.16119	14.02529	13.16119	14.2253	13.31003	14.9978	14.02843	14.47932	13.5234	14.47932	13.5234	18.996718	17.74972	18.99672	17.74972	19.19584	17.93171
382891.3	3735191	62.05%	14.083759	13.20112	14.08376	13.20112	14.28666	13.38554	15.06176	14.11379	14.53969	13.62779	14.53969	13.62779	19.074365	17.77685	19.07437	17.75025	19.2754	17.93366
382854.2	3735251	62.71%	14.503956	13.75703	14.50396	13.75703	14.72037	13.95872	15.51648	14.7149	14.97424	14.12739	14.97424	14.12739	19.637075	18.53056	19.63708	18.53056	19.84804	18.7273
382907.6	3735238	63.03%	14.015532	13.33844	14.01553	13.16571	14.21847	13.34833	14.98946	14.0739	14.46907	13.58825	14.46907	13.58825	18.981924	17.83147	18.98192	17.83147	19.18242	18.01718
382975.7	3735250	62.28%	13.774569	12.85586	13.77457	12.65972	13.9693	12.83109	14.72862	13.53079	14.22031	13.06757	14.22031	13.06757	18.658395	17.15683	18.6584	17.15683	18.85316	17.33167
383017.7	3735273	62.10%	13.687258	12.57889	13.68726	12.56483	13.87961	12.73417	14.63445	13.42887	14.13043	12.84752	14.13043	12.84752	18.540201	16.85468	18.5402	16.85468	18.73317	17.02518
383059.7	3735295	60.74%	13.627998	12.4826	13.628	12.36247	13.81845	12.52663	14.57042	13.21078	14.06932	12.76028	14.06932	12.76028	18.460454	16.74975	18.46045	16.70585	18.65206	16.91875
383101.7	3735317	59.05%	13.535542	12.41343	13.53554	12.35225	13.72394	12.51595	14.47102	13.19978	13.97379	12.7502	13.97379	12.7502	18.335922	16.63443	18.33592	16.51193	18.52597	16.80174
383143.7	3735339	58.05%	13.413893	12.33992	13.41389	12.292	13.59994	12.45399	14.34044	13.1349	13.84776	12.68841	13.84776	12.68841	18.17237	16.56397	18.17237	16.50067	18.36022	16.66593
383185.7	3735361	59.12%	13.279263	12.23501	13.27926	12.23501	13.46266	12.39553	14.19581	13.07361	13.70834	12.6299	13.70834	12.6299	17.99143	16.53425	17.99143	16.32535	18.17688	16.66789
383227.7	3735384	60.71%	13.151991	12.04874	13.15199	12.04874	13.33246	12.20521	14.05901	12.87338	13.57702	12.43731	13.57702	12.43731	17.819649	16.30673	17.81965	16.20493	18.0028	16.46962
383269.7	3735406	62.53%	13.013139	11.89309	13.01314	11.89309	13.19046	12.04644	13.90967	12.7062	13.43351	12.27621	13.43351	12.27621	17.632559	16.07538	17.63256	16.06798	17.81319	16.23519
383311.7	3735428	64.40%	12.866514	11.81431	12.86651	11.81431	13.04061	11.96586	13.75199	12.62146	13.28178	12.19474	13.28178	12.19474	17.435519	16.01668	17.43552	16.01668	17.61332	16.17573
383353.6	3735450	65.23%	12.737308	11.64685	12.73731	11.64685	12.90823	11.79433	13.61284	12.4411	13.14815	12.02139	13.14815	12.02139	17.261815	15.79189	17.26182	15.79189	17.43714	15.94769
383395.6	3735473	66.02%	12.604128	11.51932	12.60413	11.51932	12.77184	11.6632	13.46944	12.30354	13.01036	11.88972	13.01036	11.88972	17.082878	15.62036	17.08288	15.62036	17.25561	15.77343
383437.6	3735495	66.67%	12.482781	11.45758	12.48278	11.45758	12.64729	11.59998	13.33866	12.23706	12.885	11.82589	12.885	11.82589	16.919635	15.53731	16.91964	15.53731	17.08989	15.68912
383479.6	3735517	67.15%	12.375666	11.38601	12.37567	11.38601	12.53696	11.52682	13.22303	12.16009	12.77456	11.75182	12.77456	11.75182	16.775257	15.44107	16.77526	15.44107	16.94318	15.59165
383521.6	3735539	67.40%	12.262104	11.31005	12.2621	11.31005	12.42022	11.44919	13.10053	12.07838	12.65734	11.67316	12.65734	11.67316	16.622455	15.33912	16.62246	15.33912	16.78796	15.48817
383563.6	3735561	67.24%	12.140117	11.25156	12.14012	11.25156	12.29509	11.38894	12.96908	12.01524	12.53124	11.61288	12.53124	11.61288	16.458397	15.26025	16.4584	15.26025	16.62148	15.40806
383605.6	3735584	66.51%	12.009957	11.19588	12.00996	11.19588	12.16182	11.33144	12.82895	11.95507	12.39654	11.55561	12.39654	11.55561	16.283643	15.18508	16.28364	15.18508	16.44419	15.33169
383647.6	3735606	65.50%	11.896047	11.12914	11.89605	11.12914	12.04484	11.26284	12.70612	11.88309	12.27886	11.48671	12.27886	11.48671	16.130394	15.09519	16.13039	15.09519	16.28867	15.23873
383689.6	3735628	68.52%	11.796478	11.03628	11.79648	11.03628	11.94224	11.16769	12.59861	11.78308	12.1762	11.39064	12.1762	11.39064	15.996232	14.97039	15.99623	14.97039	16.15236	15.1138
382952.3	3735295	62.32%	13.895393	13.14377	13.89539	13.14377	14.09506	13.33008	14.85995	14.05412	14.34513	13.45922	14.34513	13.45922	18.819761	17.66379	18.81976	17.66379	19.01785	17.84746
382994.3	3735317	63.09%	13.766367	12.95219	13.76637	12.95219	13.96236	13.13328	14.72079	13.84767	14.21213	13.35382	14.21213	13.35382	18.645598	17.52526	18.6456	17.36266	18.8411	17.70697
383036.3	3735339	63.57%	13.716229	12.81901	13.71623	12.81901	13.91043	12.99692	14.66645	13.70418	14.16051	13.11361	14.16051	13.11361	18.578249	17.21443	18.57825	17.15813	18.7724	17.39148
383078.3	3735361	63.77%	13.62997	12.65984	13.62997	12.65984	13.82208	12.83324	14.57367	13.53248	14.07131	13.02852	14.07131	13.02852	18.462116	17.1026	18.46212	17.1026	18.65463	17.27786
383120.3	3735383	64.00%	13.525936	12.5936	13.52594	12.5936	13.7157	12.76471	14.46163	13.46085	13.96355	12.93255	13.96355	12.93255	18.322565	16.97686	18.32257	16.97686	18.51301	17.15004
383162.3	3735406	64.76%	13.388737	12.38375	13.38874	12.38375	13.57582	12.54889	14.31429	13.2344	13.82132	12.74994	13.82132	12.74994	18.138342	16.73882	18.13834	16.73882	18.3265	16.90819
383204.3	3735428	65.65%	13.273744	12.23285	13.27374	12.23285	13.45792	12.39458	14.1905	13.07213	13.70275	12.62762	13.70275	12.62762	17.983183	16.57929	17.98318	16.46919	18.16906	16.63476
383246.3	3735450	66.95%	13.125687	12.04653	13.12569	12.04653	13.30661	12.20447	14.03144	12.87197	13.54977	12.43479	13.54977	12.43479	17.783613	16.3286	17.78361	16.276	17.9668	16.43909
383288.3	3735472	68.43%	12.975407	11.95633	12.97541	11.95633	13.15302	12.11232	13.86983	12.77501	13.39432	12.34147	13.39432	12.34147	17.581496	16.20729	17.5815	16.08529	17.76188	16.35927
383330.3	3735495	69.73%	12.840928	11.81128	12.84093	11.81128	13.01531	11.96366	13.725	12.61875	13.25516	12.1914	13.25516	12.1914	17.400863	16.01249	17.40086	16.01249	17.57863	16.17187
383372.3	3735517	71.01%	12.708764	11.70951	12.70876	11.70951	12.8799	11.85918	13.58267	12.50904	13.11848	12.08624	13.11848	12.08624	17.223226	15.87558	17.22323	15.87558	17.39843	16.03296
383414.3	3735539	72.24%	12.582355	11.54788	12.58236	11.54788	12.75023	11.69333	13.44647	12.33482	12.98782	11.91912	12.98782	11.91912	17.053265	15.65854	17.05327	15.65854	17.22587	15.81249
383456.3	3735561	73.09%	12.468689	11.39386	12.46869	11.39386	12.63329	11.53544	13.32382	12.16889	12.87055	11.75975	12.87055	11.75975	16.90013	15.45161	16.90013	15.45161	17.07034	15.60257
383498.3	3735583	72.70%	12.355377	11.23629	12.35538	11.23629	12.51675	11.37401	13.20158	11.99916	12.75364	11.59668	12.75364	11.59668	16.74749	15.24011	16.74749	15.24011	16.91543	15.38792
383540.2	3735606	72.35%	12.233953	11.09479	12.23395	11.09479	12.39213	11.22879	13.0707	11.84663	12.62818	11.45038	12.62818	11.45038	16.584205	15.04997	16.58421	15.04997	16.74955	15.19495
383582.2	3735628	72.04%	12.104331	11.01862	12.10433	11.01862	12.25934	11.15017	12.93111	11.7643	12.49409	11.37192	12.49409	11.37192	16.410085	14.94728	16.41009	14.94728	16.57294	15.09048
383624.2	3735650	71.70%	11.976255	10.95938	11.97626	10.95938	12.12812	11.08921	12.79317	11.7004	12.36157	11.31085	12.36157	11.31085	16.237986	14.86745	16.23799	14.86745	16.39835	15.00938
383666.2	3735672	71.22%	11.877124	10.88642	11.87712	10.88642	12.02588	11.01448	12.68607	11.62183	12.25938	11.23539	12.25938	11.23539	16.104501	14.76938	16.1045	14.76938	16.26253	14.90992
382886.9	3735317	66.47%	14.680251	13.80038	14.68025	13.80038	14.90308	14.005	15.70772	14.7629	15.15664	14.24793	15.15664	14.24793	19.872619	18.44438	19.87262	18.44438	20.08801	18.72273
382928.9	3735339	66.88%	14.381949	13.55839	14.38195	13.55839	14.59609	13.7571	15.3857	14.50222	14.8334	13.9974	14.8334	13.9974	19.452393	18.29505	19.45239	18.29505	19.661	18.4892
382970.9	3735361	67.77%	14.164004	13.32621	14.164	13.32388	14.37216	13.51632	15.15063	14.24939	14.59325	13.75509	14.59325	13.75509	19.139563	18.01551	19.13956	18.01551	19.34328	18.2355
383012.9	3735383	68.85%	13.959204	13.18059	13.9592	13.18059	14.16106	13.35893	14.92931	14.08391	14.38575	13.59603	14.38575	13.59603	18.870095	17.72025	18.8701	17.72025	19.0694	18.02678
383054.9	3735405	69.31%	13.720341	12.9997	13.72034	12.9997	13.91629	13.18366	14.67204	13.90004	14.14322	13.41988	14.14322	13.41988	18.554943	17.5684	18.55494	17.3236	18.74953	17.79341
383096.9	3735428	69.67%	13.491362	12.82114	13.49136	12.82114	13.68131	12.99956	14.42507	13.70702	13.91001	13.23552	13.91001	13.23552	18.252662	17.36966	18.25266	17.28626	18.44261	17.54945
383138.9	3735450	69.84%	13.346451	12.7325	13.34645	12.7325	13.53304	12.90792	14.26909	13.61112	13.77752	13.14424	13.77752	13.14424	18.081349	17.2502	18.08135	17.1403	18.26893	17.42789
383180.9	3735472	70.39%	13.239626	12.55327	13.23963	12.55327	13.4236	12.72424	14.15409	13.41812	13.6672	12.95899	13.6672	12.95899	17.937524	17.00911	17.93752	16.90421	18.12293	17.18333
383222.9	3735494	71.13%	13.103121	12.29712	13.10312	12.29712	13.28408	12.46234	14.00739	13.14257	13.52623	12.6939	13.52623	12.6939	17.75336	16.66483	17.75336	16.66483	17.93639	16.83427
383264.9	3735517	71.95%	12.958792	12.09576	12.95879	12.09576	13.13656	12.25601	13.85223	12.9257	13.37696	12.48559	13.37696	12.48559	17.559162	16.39441	17.55916	16.39441	17.73943	16.55976
383306.9	3735539	71.68%	12.827258	11.94171	12.82726	11.94171	13.00199	12.09807	13.71068	12.75971	13.2408	12.3262	13.2408	12.3262	17.382517	16.18744	17.38252	16.18744	17.56034	16.34981
383348.9	3735561	71.58%	12.703511	11.81689	12.70351	11.80016	12.87514	11.95299	13.57738	12.60723	13.11286	12.17976	13.11286	12.17976	17.216149	15.99738	17.21615	15.99738	17.39152	16.15685
383390.9	3735583	71.52%	12.578969	11.66079	12.57897	11.66079	12.74748	11.80991	13.44324	12.45696	12.9841	12.03571	12.9841	12.03571	17.048651	15.81009	17.04865	15.81009	17.22158	15.96666
383432.9	3735605	71.56%	12.465291	11.52196	12.46529	11.52196	12.63065	11.66755	13.32064	12.30739	12.86675	11.89212	12.86675	11.89212	16.895697	15.62358	16.8957	15.62358	17.06621	15.77738
383474.9	3735628	71.63%	12.381063	11.39402	12.38106	11.39402	12.54358	11.53616	13.2295	12.16939	12.77994	11.75979	12.77994	11.75979	16.782268	15.45183	16.78227	15.45183	16.95081	15.60297
383516.9	3735650	71.79%	12.241707	11.32553	12.24171	11.32553	12.40079	11.46633	13.07949	12.09586	12.63602	11.68893	12.63602	11.68893	16.59452	15.35951	16.59452	15.35951	16.76043	15.50954
383558.9	3735672	71.49%	12.118895	11.23678	12.1189	11.23678	12.27489	11.3749	12.94719	12.00775	12.50901	11.59741	12.50901	11.59741	16.429569	15.24003	16.42957	15.24003	16.59301	15.38808
383600.9	3735694	70.93%	11.987132	11.10024	11.98713	11.10024	12.14005	11.23448	12.80534	11.86155	12.37257	11.45638	12.37257	11.45638	16.252663	15.05644	16.25266	15.05644	16.41353	15.20156
383642.9	3735716	70.26%	11.897103	10.97463	11.8971	10.96548	12.04714	11.09607	12.70804	11.71721	12.27979	11.31708	12.27979	11.31708	16.131432	14.87539	16.13143	14.87539	16.29025	15.01773
383741.9	3735620	68.95%	11.622698	10.78673	11.6227	10.78673	11.76322	10.91183	12.41088	11.51412	11.99672	11.13225	11.99672	11.13225	15.762808	14.63577	15.76281	14.63577	15.91496	14.77411
383785.6	3735644	69.54%	11.507863	10.70404	11.50786	10.70404	11.6455	10.8271	12.28717	11.42507	11.87796	11.04674	11.87796	11.04674	15.608424	14.5246	15.60842	14.5246	15.75842	14.66131
383722.6	3735678	69.74%	11.711363	10.8544	11.71136	10.8544	11.85542	10.98236	12.50723	11.58772	12.08827	11.20199	12.08827	11.20199	15.881472	14.72648	15.88147	14.72648	16.03605	14.86668
383829.2	3735669	69.67%	11.384737	10.58937	11.38474	10.58937	11.51953	10.71039	12.15464	11.30197	11.75046	10.92767	11.75046	10.92767	15.443181	14.371	15.44318	14.371	15.5908	14.50575
383785	3735704	68.44%	11.558229	10.76841	11.55823	10.76841	11.69806	10.89411	12.342	11.49503	11.9299	11.11308	11.9299	11.11308	15.6758	14.61094	15.6758	14.61094	15.82715	14.74939
383736.7	3735726	67.96%	11.699659	10.83825	11.69966	10.66792	11.84355	10.7912	12.49469	11.57558	12.07611	11.00896	12.07611	11.00896	15.865771	14.47627	15.86577	14.47627	16.02021	14.61271
383759.7	3735538	63.89%	11.401733	10.76861	11.40173	10.69336	11.53509	10.81492	12.17178	11.41279	11.76831	11.0359	11.76831	11.0359	15.466603	14.51061	15.4666	14.51061	15.61366	14.62262
383722.8	3735508	62.53%	11.458763	10.85918	11.45876	10.85918	11.59354	10.98437	12.23317	11.59118	11.82716	11.20778	11.82716	11.20778	15.54351	14.73297	15.54351	14.73297	15.69167	14.85137
383788.9	3735500	68.82%	11.201037	10.85271	11.20104	10.85271	11.32833	10.97804	11.9549	11.58436	11.56081	11.20093	11.56081	11.20093	15.197409	14.72437	15.19741	14.72437	15.33994	14.8634
383816.4	3735565	68.48%	11.254279	10.62804	11.25428	10.62804	11.38398	10.74824	12.01296	11.3426	11.61579	10.93845	11.61579	10.93845	15.268456	14.38414	15.26846	14.38414	15.41264	14.51828
383748.2	3735465	68.69%	11.252886	10.99471	11.25289	10.99471	11.38132	11.12301	12.01063	11.73705	11.61436	11.34815	11.61436	11.34815	15.267362	14.91482	15.26736	14.91482	15.41087	15.05645

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
383816.1	3735459	69.86%	11.132521	10.82405	11.13252	10.82405	11.25734	10.9206	11.88061	11.55306	11.49008	11.13396	11.49008	11.13396	15.105573	14.63698	15.10557	14.63698	15.24641	14.77433
383850.5	3735504	67.87%	11.09728	10.78366	11.09188	10.78016	11.15558	10.87143	11.77338	11.50636	11.38657	11.09298	11.38657	11.09298	14.971366	14.58447	14.97137	14.58447	15.1105	14.72152
383864.2	3735555	68.45%	11.060551	10.65682	11.06055	10.60786	11.18517	10.72815	11.80406	11.32116	11.41527	10.91712	11.41527	10.91712	15.00866	14.35707	15.00866	14.35707	15.14878	14.49104
383857.3	3735611	68.50%	11.191791	10.56808	11.19179	10.52152	11.32075	10.64017	11.94611	11.22844	11.55091	10.85759	11.55091	10.85759	15.18454	14.28003	15.18454	14.28003	15.32781	14.41312
383773.5	3735422	68.08%	11.263319	10.84794	11.26332	10.84694	11.39123	10.93855	12.0214	11.57749	11.62538	11.16248	11.62538	11.16248	15.2814	14.67429	15.2814	14.67429	15.4247	14.81205
383673	3735451	62.71%	11.468713	11.12297	11.46871	11.12297	11.60377	11.25451	12.24378	11.87523	11.83704	11.48081	11.83704	11.48081	15.557751	15.08711	15.55775	15.08711	15.70605	15.2163
383642.4	3735417	63.61%	11.48236	11.19333	11.48236	11.19333	11.6176	11.32661	12.25832	11.95099	11.85104	11.55352	11.85104	11.55352	15.576433	15.1817	15.57643	15.1817	15.72487	15.31567
383611.7	3735384	67.33%	11.506187	11.17343	11.50619	11.17343	11.64147	11.30622	12.28366	11.92951	11.8758	11.53276	11.8758	11.53276	15.608613	15.15542	15.60861	15.15542	15.75723	15.29452
383581.1	3735350	67.12%	11.611333	11.1466	11.61133	11.1466	11.74903	11.27873	12.39679	11.90054	11.98459	11.50479	11.98459	11.50479	15.749876	15.11982	15.74988	15.11982	15.90051	15.26143
383550.4	3735317	66.41%	11.700224	11.13622	11.70022	11.13622	11.84005	11.26761	12.49246	11.88906	12.07646	11.49414	12.07646	11.49414	15.869562	15.10603	15.86956	15.10603	16.02184	15.25005
383709.9	3735417	68.89%	11.331197	10.98141	11.3312	10.98141	11.46154	11.10865	12.09489	11.72228	11.69518	11.33454	11.69518	11.33454	15.373054	14.89709	15.37305	14.89709	15.51807	15.03812
383679.2	3735383	69.10%	11.420252	10.98945	11.42025	10.98945	11.55309	11.1166	12.19091	11.73074	11.78702	11.34285	11.78702	11.34285	15.493104	14.90806	15.4931	14.90806	15.63992	15.0491
383648.6	3735350	68.51%	11.513095	11.00941	11.5131	10.98814	11.64808	11.11513	12.29081	11.72921	11.88305	11.3414	11.88305	11.3414	15.617898	14.90659	15.6179	14.90659	15.76651	15.04753
383617.9	3735316	68.07%	11.600604	11.00417	11.6006	10.99756	11.73735	11.12489	12.38484	11.74649	11.97369	11.35095	11.97369	11.35095	15.735546	14.91963	15.73555	14.91963	15.88562	15.06076
383587.2	3735283	67.74%	11.668794	11.00453	11.66879	10.99789	11.80692	11.12499	12.45807	11.74571	12.04422	11.35108	12.04422	11.35108	15.827256	14.92064	15.82726	14.92064	15.97864	15.06162
383746.7	3735383	70.66%	11.354893	10.86159	11.35489	10.86159	11.48494	10.98058	12.11992	11.59281	11.72005	11.17874	11.72005	11.17874	15.404665	14.69488	15.40467	14.69488	15.54974	14.8326
383716.1	3735349	72.23%	11.422514	10.88685	11.42251	10.88685	11.55433	11.00805	12.19277	11.61977	11.78981	11.21003	11.78981	11.21003	15.495831	14.73543	15.49583	14.73543	15.64227	14.87358
383685.4	3735316	72.88%	11.471115	10.92072	11.47112	10.92072	11.60439	11.02387	12.24519	11.6561	11.83979	11.20774	11.83979	11.20774	15.561581	14.73269	15.56158	14.73269	15.70912	14.87065
383654.7	3735283	73.13%	11.531626	10.94033	11.53163	10.94033	11.66599	11.05292	12.31012	11.67711	11.90245	11.24262	11.90245	11.24262	15.642981	14.77849	15.64298	14.77849	15.79147	14.91706
383624.1	3735249	73.33%	11.592489	10.93671	11.59249	10.93671	11.72761	11.06119	12.37519	11.6729	11.96548	11.27995	11.96548	11.27995	15.725085	14.82835	15.72509	14.82835	15.87444	14.96748
383491.1	3735284	65.21%	11.798031	11.20671	11.79803	11.20671	11.9409	11.3375	12.5981	11.9647	12.17716	11.56481	12.17716	11.56481	16.001565	15.20132	16.00157	15.19811	16.15609	15.34249
383446.4	3735262	64.48%	11.879724	11.27211	11.87972	11.27211	12.02467	11.40573	12.68607	12.03493	12.26152	11.63289	12.26152	11.63289	16.111619	15.28944	16.11162	15.28944	16.26775	15.43328
383401.7	3735240	64.41%	11.97471	11.32654	11.97471	11.32654	12.12151	11.46173	12.78806	12.09334	12.35982	11.68993	12.35982	11.68993	16.239461	15.36303	16.23946	15.36303	16.39723	15.50853
383357.1	3735217	63.47%	12.055753	11.39479	12.05575	11.39479	12.20409	11.52062	12.875	12.15527	12.44353	11.75018	12.44353	11.75018	16.348811	15.44165	16.34881	15.44165	16.50792	15.58356
383312.4	3735195	62.83%	12.135689	11.55717	12.13569	11.55717	12.28503	11.69405	12.96042	12.33804	12.52619	11.92628	12.52619	11.92628	16.45697	15.67116	16.45697	15.67116	16.6171	15.80987
383267.7	3735173	62.07%	12.206747	11.76771	12.20675	11.76771	12.35714	11.89955	13.03639	12.5544	12.59944	12.13497	12.59944	12.13497	16.553372	15.94277	16.55337	15.94277	16.71456	16.07897
383223.1	3735151	61.57%	12.442341	11.96553	12.44234	11.9414	12.59795	12.08844	13.28966	12.75312	12.84291	12.32609	12.84291	12.32609	16.870841	16.19254	16.87084	16.19254	17.03627	16.32841
383178.4	3735129	57.14%	12.695371	12.11609	12.69537	12.11111	12.85572	12.26165	13.56121	12.93533	13.10378	12.50071	13.10378	12.50071	17.211357	16.42169	17.21136	16.42169	17.37965	16.55943
383133.7	3735107	52.31%	12.902066	12.2176	12.90207	12.2176	13.06494	12.37081	13.78304	13.04991	13.3164	12.59772	13.3164	12.59772	17.489975	16.56613	17.48998	16.55442	17.66009	16.70951
383089.1	3735085	52.36%	13.021427	12.31454	13.02143	12.31454	13.18619	12.45872	13.91144	13.15431	13.43922	12.69816	13.43922	12.69816	17.651005	16.67945	17.65101	16.67945	17.82276	16.83885
383044.4	3735063	49.55%	13.073943	12.44482	13.07394	12.44482	13.24094	12.54241	13.96839	13.28218	13.49326	12.78355	13.49326	12.78355	17.718348	16.78878	17.71835	16.85288	17.89536	16.95529
383513.3	3735239	67.91%	11.788327	11.11505	11.78833	11.11505	11.92953	11.24447	12.58675	11.86525	12.16739	11.47214	12.16739	11.47214	15.98884	15.07869	15.98884	15.07869	16.14251	15.2217
383468.6	3735217	67.61%	11.857205	11.2127	11.85721	11.2127	12.00009	11.34391	12.66084	11.97001	12.23837	11.57318	12.23837	11.57318	16.081918	15.21023	16.08192	15.21023	16.23692	15.35486
383423.9	3735195	67.14%	11.943519	11.37367	11.94352	11.37367	12.08781	11.50828	12.75334	12.14298	12.32774	11.73961	12.32774	11.73961	16.198257	15.42706	16.19826	15.42706	16.35452	15.57453
383379.3	3735173	66.81%	12.008844	11.49095	12.00884	11.49095	12.15414	11.62814	12.82324	12.26895	12.39517	11.86051	12.39517	11.86051	16.286651	15.58571	16.28665	15.58571	16.44395	15.73523
383334.6	3735150	66.30%	12.12727	11.60152	12.12727	11.60152	12.27478	11.74025	12.9503	12.38724	12.51764	11.96922	12.51764	11.96922	16.446275	15.72753	16.44628	15.72753	16.60555	15.8786
383289.9	3735128	67.27%	12.230966	11.7505	12.23097	11.7505	12.38039	11.87687	13.06147	12.5311	12.62469	12.11355	12.62469	12.11355	16.586443	15.91591	16.58644	15.91591	16.74741	16.06931
383245.2	3735106	64.33%	12.385637	11.93412	12.38564	11.93412	12.53815	12.02357	13.22749	12.68553	12.78442	12.2622	12.78442	12.2622	16.795293	16.11044	16.79529	16.11044	16.9589	16.26619
383200.6	3735084	57.35%	12.583836	12.01987	12.58384	11.99945	12.7401	12.14575	13.4402	12.81409	12.98949	12.38585	12.98949	12.38585	17.062201	16.27249	17.0622	16.27249	17.22917	16.43026
383155.9	3735062	53.09%	12.755798	12.13598	12.7558	12.12921	12.91527	12.27896	13.62472	12.9538	13.16736	12.51944	13.16736	12.51944	17.29394	16.44803	17.29394	16.44803	17.46013	16.58993
383111.2	3735040	54.32%	12.86313	12.27078	12.86313	12.27078	13.02509	12.42427	13.74012	13.10633	13.27814	12.66543	13.27814	12.66543	17.438692	16.63891	17.43869	16.63891	17.60641	16.78468
383066.6	3735018	48.63%	12.913341	12.4017	12.91334	12.4017	13.07465	12.46517	13.79453	13.23557	13.32702	12.70664	13.32702	12.70664	17.502566	16.68967	17.50668	16.69047	17.67578	16.85412
383580.1	3735216	71.44%	11.666104	11.08532	11.6661	11.02288	11.80239	11.10995	12.454	11.83265	12.04153	11.33772	12.04153	11.33772	15.824661	14.90417	15.82466	14.90417	15.97508	15.04405
383535.4	3735194	70.56%	11.72669	11.21005	11.72669	11.14072	11.86447	11.26904	12.51916	11.94827	12.10391	11.49889	12.10391	11.49889	15.906654	15.11385	15.90665	15.11385	16.05818	15.25654
383490.8	3735172	69.50%	11.819826	11.31243	11.81983	11.31243	11.95994	11.44461	12.61937	12.0764	12.19986	11.67626	12.19986	11.67626	16.032566	15.34528	16.03257	15.34528	16.18593	15.4911
383446.1	3735150	68.13%	11.945842	11.42261	11.94584	11.42261	12.08838	11.55687	12.75468	12.1946	12.33033	11.79019	12.33033	11.79019	16.202049	15.49388	16.20205	15.49388	16.3576	15.64158
383401.4	3735128	67.69%	12.063995	11.52021	12.064	11.52021	12.20869	11.65643	12.88138	12.29929	12.45245	11.8907	12.45245	11.8907	16.361448	15.62624	16.36145	15.62624	16.51896	15.77548
383356.8	3735106	66.74%	12.15806	11.61543	12.15806	11.61543	12.30457	11.75269	12.98231	12.40101	12.54961	11.98938	12.54961	11.98938	16.488483	15.75451	16.48848	15.75451	16.64761	15.90511
383312.1	3735084	65.76%	12.236918	11.70798	12.23692	11.70798	12.38482	11.84692	13.0668	12.50021	12.631	12.08491	12.631	12.08491	16.595191	15.87976	16.59519	15.87976	16.75552	16.03184
383267.4	3735061	63.00%	12.297334	11.87713	12.29733	11.87713	12.44613	12.01975	13.13138	12.68201	12.69323	12.24722	12.69323	12.24722	16.677339	16.09151	16.67734	16.09151	16.83843	16.24637
383222.8	3735039	60.17%	12.409312	12.03346	12.40931	12.03346	12.56014	12.07691	13.25149	12.74219	12.80903	12.3176	12.80903	12.3176	16.82831	16.1841	16.82831	16.1841	16.9913	16.34002
383178.1	3735017	54.56%	12.540042	12.1548	12.54004	12.07491	12.69341	12.2223	13.39186	12.89472	12.94436	12.46353	12.94436	12.46353	17.004176	16.37513	17.00418	16.37513	17.16932	16.53392
383133.4	3734995	56.58%	12.631857	12.26631	12.63186	12.26631	12.78744	12.41906	13.49067	13.10117	13.0392	12.66112	13.0392	12.66112	17.127866	16.63274	17.12787	16.63274	17.29133	16.77619
383088.8	3734973	48.59%	12.728368	12.39014	12.72837	12.38933	12.88456	12.3469	13.59483	13.22202	13.13629	12.57652	13.13629	12.57652	17.254377	16.53549	17.25804	16.52104	17.42354	16.68268
383116.6	3734898	53.69%	12.677719	12.22708	12.67772	12.22708	12.83487	12.30459	13.54086	13.06022	13.08637	12.54507	13.08637	12.54507	17.187141	16.47813	17.18808	16.47857	17.35567	16.63961
383135.3	3734857	54.81%	12.624784	12.22076	12.62478	12.22076	12.78175	12.29088	13.48433	13.05399	13.03265	12.5311	13.03265	12.5311	17.115727	16.4577	17.11573	16.45908	17.2835	16.61929
383154	3734816	55.20%	12.565825	12.14074	12.56583	12.14074	12.7218	12.29295	13.42127	12.96823	12.97207	12.53138	12.97207	12.53138	17.035351	16.434	17.03535	16.4585	17.20225	16.59307
383172.7	3734774	56.02%	12.516646	12.10196	12.51665	12.10196	12.67132	12.25331	13.36835	12.9266	12.92153	12.49317	12.92153	12.49317	16.968658	16.40588	16.96866	16.40588	17.13458	16.53046
383191.4	3734733	58.01%	12.495426	12.09166	12.49543	12.08242	12.64927	12.23297	13.34538	12.90541	12.89987	12.47322	12.89987	12.47322	16.939755	16.37917	16.93976	16.37917	17.10516	16.47442
383162.2	3734919	64.60%	12.525061	12.15151	12.52506	12.15151	12.67845	12.30139	13.37615	12.97759	12.92937	12.54265	12.92937	12.54265	16.982701	16.47783	16.9827	16.47783	17.14795	16.61459
383180.9	3734878	67.56%	12.467387	12.05814	12.46739	12.05814	12.61981	12.20597	13.31445	12.87728	12.8701	12.44633	12.8701	12.44633	16.904115	16.35174	16.90412	16.35165	17.06848	16.48376
383199.6	3734836	68.95%	12.429739	12.01553	12.42974	12.01553	12.5812	12.16229	13.27397	12.8315	12.83145	12.40265	12.83145	12.40265	16.852965	16.29369	16.85297	16.29369	17.01663	16.42693
383218.3	3734795	69.31%	12.406962	12.02152	12.40696	12.02152	12.55765	12.16827	13.24938	12.83796	12.80818	12.40924	12.80818	12.40924	16.821901	16.30103	16.8219	16.30103	16.98505	16.4364
383237	3734753	69.24%	12.385057	12.02923	12.38506	12.02923	12.53478	12.17578	13.22558	12.84611	12.78575	12.4176	12.78575	12.4176	16.792105	16.31079	16.79211	16.31079	16.95473	16.44848
383207.8	3734940	65.55%	12.36946	12.00631	12.36946	12.00631	12.51813	12.15121	13.20794	12.82041	12.76837	12.39294	12.76837	12.39294	16.774311	16.28264	16.77431	16.28264	16.93599	16.43977
383226.5	3734898	69.87%	12.347292	11.99707	12.34729	11.99707	12.49521	12.14113	13.18401	12.81013	12.74571	12.38367	12.74571	12.38367	16.744089	16.27001	16.74409	16.27001	16.90534	16.42675
383245.2	3734857	69.59%	12.326626	12.00182	12.32663	12.00182	12.47374	12.14549	13.16164	12.81498	12.72458	12.38886	12.72458	12.38886	16.715925	16.27616	16.71593	16.27616	16.87665	16.43278
383263.9	3734815	67.82%	12.305575	12.00965	12.30558	12.00965	12.45171	12.15296	13.13872	12.82313	12.70301	12.39723	12.70301	12.39723	16.687544	16.28643	16.68754	16.28643	16.84762	16.44305
383282.6	3734774	66.53%	12.278979	11.9912	12.27898	11.9912	12.42411	12.13371	13.10989	12.80311	12.67571	12.37844	12.67571	12.37844	16.651514	16.26127	16.65151	16.26127	16.81104	16.41729
383171.7	3734669	62.05%	12.583209	12.1982	12.58321	12.1982	12.73938	12.3406	13.44004	13.01892	12.99068	12.58295	12.99068	12.58295	17.05751	16.52086	17.05751	16.52086	17.22481	16.68354
383219.4	3734654	68.43%	12.4789	12.10897	12.4789	12.10897	12.6314	12.2586	13.32708	12.93285	12.88322	12.50038	12.88322	12.50038	16.917117	16.41654	16.91712	16.41654	17.08193	16.56237
383164.4	3734606	71.54%	12.656726	12.26399	12.65673	12.26399	12.81396	12.41691	13.51869	13.09943	13.06671	12.6607	13.06671	12.6607	17.15677	16.62521	17.15677	16.62521	17.32517	16.7885
383245.2	3734611	70.96%	12.444538	12.10291	12.44454	12.10291	12.59521	12.25156	13.28949	12.92586	12.84795	12.49001	12.84795	12.49001	16.870912	16.40826	16.87091	16.40826	17.03466	16.56267
383286.9	3734703	73.15%	12.295992	11.9964	12.29599	11.9964	12.44183	12.14016	13.12858	12.80956	12.69384	12.38409	12.69384	12.38409	16.673114	16.26693	16.67311	16.26693	16.83314	16.42367
383190.2	3734564	67.44%	12.63226	12.28048	12.63226	12.28048	12.78778	12.42978	13.49172	13.1166	13.04179	12.67532	13.04179	12.67532	17.123795	16.64695	17.1238	16.64695	17.29119	16.80628
383069.6	3734667	67.58%	12.961535	12.56335	12.97828	12.56335	13.12078	12.7174	13.84057	13.4154	13.3746	12.96427	13.3746	12.96427	17.559486	17.02156	17.55949	17.02156	17.73402	17.19025
383045.9	3734708	64.35%	13.063505	12.58134	13.06351	12.58134	13.20779	12.73018	13.93219	13.42893	13.46281	12.97736	13.46281	12.97736	17.675327	17.04075	17.67533	17.04075	17.85113	17.19429
383057.1	3734619	67.96%	13.038903	12.62888	13.0389	12.62888	13.20614	12.78985	13.93047	13.49171	13.46126	13.03789	13.46126	13.03789	17.671582	17.11659	17.67158	17.11659	17.84764	17.28662
383002.7	3734683	64.65%	13.363554	12.87345	13.36355	12.87345	13.53692	13.03919	14.27921	13.75406	13.77338	13.28738	13.77338	13.28738	18.079395	17.44395	18.0794	17.44751	18.26089	17.61795
383013.9	3734593	65.90%	13.300499	12.8295	13.3005	12.8295	13.47387	12.99461	14.21196	13.70723	13.73176	13.24541	13.73176	13.24541	18.023488	17.38672	18.02349	17.38672	18.20446	17.56024
383113.7	3734552	67.84%	12.867434	12.58192	12.89041	12.58192	13.02947	12.73405	13.74506	13.4333	13.28375	12.98235	13.28375	12.98235	17.439787	17.04226	17.43979	17.04226	17.61225	17.21121
382959.5	3734657	62.77%	13.625099	13.03482	13.6251	13.03482	13.80584	13.20402	14.56102	13.92752	14.06712	13.45719	14.06712	13.45719	18.460882	17.66443	18.46088	17.66443	18.64788	17.82448
382935.8	3734698	63.69%	13.690128	13.03502	13.69013	13.03502	13.87335	13.20493	14.6316	13.92812	14.13414	13.45712	14.13414	13.45712	18.54828	17.66488	18.54828	17.66488	18.73698	17.82659
383126.3	3734636	69.55%	12.748798	12.42932	12.7488	12.42932	12.90943	12.58677	13.61845	13.27775	13.16137	12.83149	13.16137	12.83149	17.281021	16.84759	17.28102	16.84759	17.45161	17.00206
382881.5	3734689	65.55%	13.932441	13.20984	13.93244	13.20984	14.12323	13.38536	14.8936	14.11726	14.38466	13.63792	14.38466	13.63792	18.873099	17.89913	18.8731	17.89913	19.06732	18.06366
382864.9	3734641	64.88%	14.07883	13.34478	14.07883	13.34478	14.27299	13.52397	15.05111	14.26283	14.53633	13.77746	14.53633	13.77746	19.069341	18.08025	19.06934	18.08025	19.26639	18.26445
382929.6	3734619	64.29%	13.820364	13.16777	13.82036	13.16777	14.00625	13.34022	14.77151	14.07073	14.26912	13.59407	14.26912	13.59407	18.722994	17.84287	18.72299	17.84287	18.91406	18.0215

Reduction to Peak Concentration due to Inclusion of T3 OGVs (ppm):			0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	0.0003	0.0003	0.0007	0.0007	0.0007	0.0007	0.0014	0.0013	0.0014	0.0013	0.0040	0.0038
Percent Reduction Due to Inclusion of Tier 3 OGV:			15.74%	15.74%	15.74%	15.74%	17.02%	17.02%	16.12%	16.12%	11.96%	11.96%	11.96%	11.96%	52.47%	52.47%	52.47%	52.47%	48.91%	48.91%
Peak Receptor (X_Y):			389450_3733350	389450_3733350	389450_3739850	389950_3733350	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration Lookup with Source Scaling:			4.2472254	4.10954	3.661651	3.757488	11.39078	10.72226	3.888468	3.791413	11.57337	10.89777	11.57337	10.89777	4.9959028	4.510162	4.995903	4.510162	15.37303	14.53516
X	Y	Source Scaling Factor	*2026_ALT1_CAAQS*	*2026_ALT1_NAAQS*	*2026_NP_CAAQS*	*2026_NP_NAAQS*	*2026_ALT3_CAAQS*	*2026_ALT3_NAAQS*	*2026_ALT4_CAAQS*	*2026_ALT4_NAAQS*	*2026_ALT5_CAAQS*	*2026_ALT5_NAAQS*	*2026_PP_CAAQS*	*2026_PP_NAAQS*	*2033_ALT1_CAAQS*	*2033_ALT1_NAAQS*	*2033_NP_CAAQS*	*2033_NP_NAAQS*	*2033_ALT3_CAAQS*	*2033_ALT3_NAAQS*
382820.5	3734619	62.11%	14.303046	13.51818	14.30305	13.51818	14.50377	13.70282	15.29331	14.45031	14.76821	13.95657	14.76821	13.95657	19.370358	18.313	19.37036	18.313	19.57227	18.45237
382913	3734572	62.70%	13.973687	13.32114	13.97369	13.32114	14.16297	13.49029	14.93642	14.22844	14.42783	13.74622	14.42783	13.74622	18.928922	18.03991	18.92892	18.04909	19.12277	18.22234
382765.6	3734635	60.47%	14.540338	13.7643	14.54034	13.7643	14.74809	13.95583	15.54951	14.71583	15.01295	14.21072	15.01295	14.21072	19.689675	18.64411	19.68968	18.64411	19.89681	18.83737
382746.9	3734571	60.70%	14.690083	13.87519	14.69008	13.87519	14.90216	14.06907	15.71109	14.83504	15.16761	14.32572	15.16761	14.32572	19.8911	18.79287	19.8911	18.79287	20.10134	18.98816
382847.7	3734563	61.86%	14.294273	13.53401	14.29427	13.53401	14.49299	13.71715	15.28272	14.46615	14.75927	13.97319	14.75927	13.97319	19.359	18.33491	19.359	18.33491	19.55995	18.39391
382768.1	3734526	59.69%	14.654597	13.87318	14.6546	13.87318	14.86509	14.06649	15.67248	14.83266	15.13127	14.32386	15.13127	14.32386	19.843087	18.78985	19.84309	18.78985	20.05236	18.98503
382784.2	3734476	60.66%	14.659691	13.88948	14.65969	13.88948	14.86941	14.08186	15.67742	14.8495	15.13669	14.34074	15.13669	14.34074	19.849983	18.81201	19.84998	18.81201	20.05902	19.00652
382802.4	3734430	61.33%	14.627075	13.83199	14.62708	13.83248	14.8355	14.02254	15.64212	14.78771	15.10329	14.24474	15.10329	14.24474	19.805959	18.73464	19.80596	18.73539	20.0141	18.87201
382820.6	3734384	59.32%	14.56006	13.72056	14.56006	13.76368	14.76658	13.90854	15.56982	14.7138	15.03432	14.16669	15.03432	14.16669	19.71519	18.58439	19.71519	18.64242	19.92209	18.77587
382838.8	3734337	59.13%	14.490168	13.67225	14.49017	13.75697	14.69468	13.831	15.49441	14.70678	14.96227	14.08726	14.96227	14.08726	19.621047	18.48433	19.62105	18.6329	19.82642	18.67174
382857	3734291	58.37%	14.443646	13.64235	14.44365	13.68649	14.64628	13.82867	15.44392	14.63047	14.91445	14.08575	14.91445	14.08575	19.558574	18.47909	19.55857	18.53817	19.76262	18.66916
382830.7	3734495	56.52%	14.476617	13.58409	14.47662	13.63819	14.67906	13.7674	15.47897	14.57785	14.94745	14.02467	14.94745	14.02467	19.604442	18.403	19.60444	18.4755	19.80805	18.59072
382848.9	3734448	56.32%	14.428139	13.58384	14.42814	13.63256	14.6294	13.76686	15.42658	14.57162	14.898	14.02483	14.898	14.02483	19.538783	18.40203	19.53878	18.46743	19.742	18.58979
382867.1	3734402	56.52%	14.347841	13.57529	14.34784	13.57529	14.54727	13.75773	15.34021	14.51023	14.81552	13.96893	14.81552	13.96893	19.430038	18.38969	19.43004	18.38969	19.63182	18.51497
382885.3	3734356	61.11%	14.261639	13.55167	14.26164	13.55167	14.45876	13.73301	15.24732	14.48514	14.72649	13.9903	14.72649	13.9903	19.31356	18.35713	19.31356	18.35713	19.51373	18.54216
382903.5	3734309	62.12%	14.208071	13.5597	14.20807	13.5597	14.40324	13.74268	15.18927	14.49361	14.67141	14.00078	14.67141	14.00078	19.241633	18.3678	19.24163	18.3678	19.44039	18.55432
382877.3	3734513	57.66%	14.24328	13.46551	14.24328	13.46551	14.43835	13.57149	15.22683	14.39127	14.70609	13.82827	14.70609	13.82827	19.291004	18.24354	19.291	18.24354	19.4889	18.33105
382895.5	3734467	58.55%	14.178487	13.46763	14.17849	13.46763	14.37241	13.64737	15.15707	14.39368	14.64009	13.90495	14.64009	13.90495	19.203301	18.24559	19.2033	18.24559	19.40086	18.43087
382913.7	3734420	60.96%	14.082387	13.44781	14.08239	13.44781	14.27428	13.6276	15.05374	14.37281	14.54118	13.88502	14.54118	13.88502	19.073093	18.21773	19.07309	18.21773	19.26928	18.4032
382931.9	3734374	64.03%	13.994733	13.35512	13.99473	13.35512	14.18435	13.53264	14.95939	14.27307	14.45088	13.78945	14.45088	13.78945	18.954826	18.09257	18.95483	18.09257	19.14921	18.27624
382950.1	3734328	64.49%	13.950584	13.34351	13.95058	13.34351	14.13816	13.51987	14.91122	14.25998	14.40538	13.77764	14.40538	13.77764	18.895524	18.07709	18.89552	18.07709	19.0887	18.26012
382871.9	3734241	58.63%	14.450634	13.71164	14.45063	13.74365	14.65227	13.89641	15.45072	14.69125	14.92177	14.02942	14.92177	14.02942	19.56835	18.57257	19.56835	18.61501	19.77203	18.59409
382885.3	3734196	62.19%	14.443379	13.78467	14.44338	13.78467	14.64376	13.97145	15.44218	14.73494	14.91428	14.23414	14.91428	14.23414	19.55898	18.66985	19.55898	18.66985	19.76196	18.81944
382919.8	3734255	60.94%	14.275601	13.66412	14.2756	13.66412	14.46993	13.84669	15.26038	14.60413	14.74136	14.1092	14.74136	14.1092	19.33347	18.5091	19.33347	18.5091	19.53241	18.69761
382933.3	3734210	63.49%	14.240038	13.66807	14.24004	13.66807	14.43286	13.85007	15.22172	14.608	14.7048	14.11339	14.7048	14.11339	19.285871	18.51355	19.28587	18.51392	19.48383	18.70209
382967.8	3734270	61.16%	14.133719	13.55807	14.13372	13.55807	14.32041	13.73396	15.10472	14.48717	14.59465	13.99962	14.59465	13.99962	19.145455	18.36892	19.14546	18.36892	19.33951	18.55339
382981.2	3734224	62.78%	14.108781	13.56125	14.10878	13.56125	14.29393	13.73628	15.07734	14.49008	14.56912	13.99993	14.56912	13.99993	19.112032	18.37313	19.11203	18.37313	19.30517	18.55231
382876.7	3734151	68.55%	14.556834	13.85364	14.55683	13.85364	14.75939	14.03994	15.56404	14.80912	15.03175	14.29667	15.03175	14.29667	19.711582	18.7625	19.71158	18.7625	19.91653	18.95537
382827.3	3734088	68.06%	14.910171	13.99984	14.91177	14.01898	15.12104	14.16629	15.94645	14.98768	15.39654	14.41417	15.39654	14.41417	20.188286	18.98341	20.18829	18.9846	20.39809	19.15268
382925.8	3734141	62.65%	14.295096	13.74291	14.2951	13.74291	14.48987	13.92745	15.28138	14.68931	14.76158	14.1915	14.76158	14.1915	19.359899	18.61324	19.3599	18.61324	19.55914	18.80353
382891.4	3734088	64.12%	14.558739	13.87028	14.55874	13.87135	14.76	14.05825	15.56522	14.82774	15.03407	14.30411	15.03407	14.30411	19.714389	18.78449	19.71439	18.78612	19.91888	18.97745
382842	3734025	64.04%	14.959963	14.09636	14.95996	14.09649	15.17057	14.29002	15.99705	15.07019	15.44921	14.5567	15.44921	14.5567	20.253668	19.08871	20.25367	19.0889	20.46577	19.2861
382970	3734121	64.71%	14.121432	13.61063	14.12143	13.61235	14.3093	13.79016	15.09276	14.54745	14.58247	14.05497	14.58247	14.05497	19.126808	18.43598	19.12681	18.43858	19.32153	18.62283
382930.7	3734057	64.27%	14.348247	13.79672	14.34825	13.79762	14.54336	13.98182	15.33786	14.74775	14.81642	14.24757	14.81642	14.24757	19.431876	18.68512	19.43188	18.68649	19.63171	18.87611
382881.3	3733995	63.89%	14.752211	13.98639	14.75221	13.98833	14.95678	14.17638	15.77262	14.9531	15.23448	14.44348	15.23448	14.44348	19.97477	18.94052	19.97477	18.94346	20.18235	19.13527
382783.6	3734041	62.79%	15.226007	14.27446	15.22601	14.2748	15.44234	14.44909	16.28488	15.26371	15.72096	14.70959	15.72096	14.70959	20.610387	19.32767	20.61039	19.32792	20.82866	19.52965
382704.1	3734006	67.80%	15.73352	14.86816	15.73352	14.87214	15.96584	15.08403	16.83182	15.90731	16.24889	15.35469	16.24889	15.35469	21.292387	20.12471	21.29239	20.13075	21.52098	20.3388
382624.7	3733971	66.64%	16.418913	15.59973	16.41891	15.59973	16.67003	15.83444	17.57098	16.69163	16.95714	16.11072	16.95714	16.11072	22.213762	21.10834	22.21376	21.10834	22.45661	21.33719
382545.2	3733935	59.95%	17.134846	16.26136	17.13485	16.26136	17.40616	16.51379	18.34356	17.4051	17.69673	16.79498	17.69673	16.79498	23.17618	21.99719	23.17618	21.99719	23.43423	22.23963
382804	3733996	64.27%	15.229269	14.30677	15.22927	14.30989	15.44659	14.50606	16.2871	15.30021	15.72777	14.77435	15.72777	14.77435	20.615408	19.37141	20.61541	19.37615	20.83287	19.5731
382724.5	3733960	65.71%	15.679308	14.81352	15.67931	14.81352	15.90956	15.02703	16.77291	15.84386	16.19296	15.29824	16.19296	15.29824	21.219497	20.0515	21.2195	20.0515	21.44665	20.2567
382645	3733925	67.23%	16.313941	15.49813	16.31394	15.49813	16.5616	15.72981	17.45745	16.58198	16.8487	16.00595	16.8487	16.00595	22.072816	20.97151	22.07282	20.97151	22.31323	21.19809
382565.5	3733890	58.39%	17.068558	16.17047	17.06856	16.17047	17.33697	16.41957	18.2713	17.30654	17.6283	16.70107	17.6283	16.70107	23.087284	21.87506	23.08728	21.87506	23.34351	22.1153
382824.3	3733950	65.39%	15.175143	14.22159	15.17514	14.22159	15.38996	14.41728	16.22807	15.20425	15.67202	14.67991	15.67202	14.67991	20.542943	19.25783	20.54294	19.25783	20.75881	19.4475
382744.8	3733915	64.49%	15.678731	14.79568	15.67873	14.79568	15.90693	15.00681	16.77108	15.82337	16.19267	15.27987	16.19267	15.27987	21.219379	20.02866	21.21938	20.02866	21.44561	20.23991
382665.3	3733879	62.49%	16.179398	15.35072	16.1794	15.35072	16.42319	15.57853	17.31224	16.42316	16.70972	15.85388	16.70972	15.85388	21.891968	20.77291	21.89197	20.77291	22.12953	20.99654
382585.8	3733844	59.94%	16.928913	16.04823	16.92891	16.04823	17.19348	16.29418	18.1207	17.17491	17.48414	16.57501	17.48414	16.57501	22.899714	21.71018	22.89971	21.71018	23.1529	21.94796
382461.5	3733897	54.38%	17.837715	16.92621	17.83772	16.92621	18.12879	17.19836	19.10208	18.12324	18.42334	17.48213	18.42334	17.48213	24.119803	22.8894	24.1198	22.8894	24.3929	23.14651
382417	3733877	57.23%	18.192912	17.3817	18.19291	17.3817	18.49419	17.66698	19.48549	18.61508	18.7904	17.95318	18.7904	17.95318	24.596807	23.50054	24.59681	23.50054	24.87758	23.7676
382372.5	3733856	58.19%	18.636283	18.06271	18.63628	18.06271	18.95006	18.36698	19.964	19.34996	19.24875	18.65741	19.24875	18.65741	25.19241	24.41471	25.19241	24.41471	25.48247	24.69622
382328	3733836	58.98%	19.125204	18.73834	19.1252	18.73834	19.45259	19.06102	20.49145	20.07887	19.75406	19.35624	19.75406	19.35624	25.84899	25.32128	25.84899	25.32128	26.1495	25.61695
382283.4	3733815	60.21%	19.653621	19.11038	19.65362	19.11038	19.99577	19.44404	21.06162	20.48057	20.30033	19.74038	20.30033	19.74038	26.558949	25.8215	26.55895	25.8215	26.87054	26.12531
382238.9	3733794	61.88%	20.233484	19.61745	20.23348	19.61745	20.59148	19.9656	21.68708	21.02061	20.89969	20.26439	20.89969	20.26439	27.337598	26.50273	27.3376	26.50273	27.66143	26.81737
382194.4	3733774	63.14%	20.854635	19.96344	20.85464	19.95641	21.22907	20.32129	22.35688	21.39414	21.5422	20.62191	21.5422	20.62191	28.171469	26.96753	28.17147	26.95751	28.50806	27.28956
382482.5	3733852	55.30%	17.794203	16.78866	17.7942	16.78866	18.08293	17.05588	19.05434	17.97422	18.37852	17.34012	18.37852	17.34012	24.061647	22.70501	24.06165	22.70501	24.33325	22.95873
382438	3733831	58.76%	18.158718	17.24926	18.15872	17.24926	18.45792	17.52978	19.44782	18.4715	18.75516	17.81631	18.75516	17.81631	24.5513	23.3231	24.5513	23.3231	24.83076	23.58685
382393.5	3733811	59.60%	18.555623	17.91903	18.55562	17.91903	18.86596	18.21839	19.87614	19.19438	19.1655	18.50899	19.1655	18.50899	25.084306	24.22205	25.08431	24.22205	25.37217	24.50008
382349	3733790	60.08%	19.010758	18.596	19.01076	18.596	19.33417	18.91414	20.36753	19.92493	19.63589	19.20922	19.63589	19.20922	25.695601	25.13042	25.6956	25.13042	25.99327	25.42285
382304.4	3733770	60.71%	19.539683	19.07168	19.53968	19.07168	19.87774	19.40352	20.9381	20.43833	20.18254	19.70053	20.18254	19.70053	26.40612	25.76952	26.40612	25.76952	26.71498	26.07212
382259.9	3733749	61.69%	20.097577	19.55944	20.09758	19.55944	20.45109	19.9054	21.54009	20.95863	20.75938	20.20447	20.75938	20.20447	27.155536	26.42477	27.15554	26.42477	27.47612	26.73795
382215.4	3733728	61.49%	20.736866	19.77597	20.73687	19.77141	21.10733	20.12792	22.22942	21.19323	21.42069	20.42834	21.42069	20.42834	28.013645	26.7159	28.01365	26.70796	28.34751	27.03367
382503.5	3733807	59.99%	17.718599	16.72719	17.7186	16.72719	18.00436	16.99201	18.97235	17.9074	18.30057	17.27679	18.30057	17.27679	23.960407	22.62241	23.96041	22.62241	24.22999	22.87444
382459	3733786	57.50%	18.079978	17.11321	18.07998	17.11321	18.37623	17.38937	19.36241	18.32437	18.67393	17.6758	18.67393	17.6758	24.445673	23.14042	24.44567	23.14042	24.72319	23.40097
382414.5	3733765	58.22%	18.462699	17.75275	18.4627	17.75275	18.76957	18.04681	19.77534	19.01458	19.06953	18.33716	19.06953	18.33716	24.959712	23.99893	24.95971	23.99893	25.24525	24.27309
382369.9	3733745	58.93%	18.912636	18.46706	18.91264	18.46706	19.23218	18.78065	20.2609	19.78508	19.53465	19.07584	19.53465	19.07584	25.564237	24.9577	25.56424	24.9577	25.85931	25.24688
382325.4	3733724	57.57%	19.449427	19.05644	19.44943	19.05644	19.78382	19.38672	20.84003	20.42122	20.08945	19.68503	20.08945	19.68503	26.285292	25.74939	26.28529	25.74939	26.59166	26.05117
382280.9	3733704	57.49%	19.955049	19.4949	19.95505	19.4949	20.3039	19.83846	21.38578	20.89484	20.61204	20.13795	20.61204	20.13795	26.964452	26.3383	26.96445	26.3383	27.28169	26.64981
382236.4	3733683	57.91%	20.609014	19.74075	20.60901	19.74075	20.9752	20.09081	22.09098	21.15992	21.28861	20.39206	21.28861	20.39206	27.842278	26.66848	27.84228	26.66848	28.1731	26.98508
382173.9	3733684	61.77%	21.30009	20.66379	21.30009	20.66379	21.68585	21.03997	22.83699	22.15644	22.00332	21.34706	22.00332	21.34706	28.769392	27.90644	28.76939	27.90644	29.11504	28.24295
382096.2	3733669	61.09%	22.59737	21.63572	22.59737	21.63572	23.01804	22.03776	24.23607	23.20441	23.34496	22.35229	23.34496	22.35229	30.511137	29.21169	30.51114	29.21169	30.88373	29.56815
382183	3733635	60.61%	21.367685	20.6928	21.36769	20.6928	21.7542	21.06833	22.90916	22.18678	22.07321	21.37722	22.07321	21.37722	28.86077	27.9458	28.86077	27.9458	29.20728	28.28217
382105.4	3733620	61.67%	22.648433	21.59303	22.64843	21.59303	23.06969	21.99318	24.29061	23.15783	23.39786	22.30816	23.39786	22.30816	30.579997	29.15467	30.58	29.15467	30.95326	29.50991
382256.9	3733611	62.57%	20.419993	19.639	20.41999	19.639	20.78098	19.98672	21.88711	21.05072	21.09325	20.2875	21.09325	20.2875	27.587827	26.53038	27.58783	26.53038	27.91468	26.84517
382308.6	3733648	61.36%	19.760452	19.2424	19.76045	19.2424	20.10338	19.57856	21.17551	20.62225	20.41097	19.87699	20.41097	19.87699	26.703366	25.99901	26.70337	25.99901	27.0163	26.3051
382192.2	3733585	62.41%	21.338898	20.64798	21.3389	20.64798	21.72424	21.02189	22.87789	22.13821	22.04348	21.33106	22.04348	21.33106	28.822245	27.88549	28.82225	27.88549	29.16799	28.22089
382114.5	3733571	60.40%	22.655835	21.52248	22.65584	21.52248	23.07676	21.92026	24.29822	23.08149	23.40551	22.23529	23.40551	22.23529	30.590048	29.05997	30.59005	29.05997	30.96327	29.41361
382137.1	3733720	60.26%	21.692227	20.9625	21.69223	20.9625	22.0891	21.34685	23.26015	22.47861	22.40871	21.65578	22.40871	21.65578	29.295813	28.30776	29.29581	28.30776	29.64982	28.65044
382053.5	3733594	58.51%	23.675796	22.61573	23.66896	22.61506	24.11805	23.04277	25.39147	24.2602	24.45328	23.36526	24.45328	23.36526	31.950126	30.52644	31.95013	30.52644	32.34476	30.90308
382054.7	3733544	56.53%	23.831725	22.71433	23.82527	22.71424	24.28057	23.14459	25.55997	24.36715	24.61476	23.4678	24.61476	23.4678	32.16024	30.65966	32.16024	30.65966	32.55808	31.03827
382118.9	3733507	61.04%	22.801317	21.6065	22.80132	21.6065	23.22552	22.00595	24.45478	23.17178	23.55595	22.32231	23.55595	22.32231	30.785841	29.17289	30.78584	29.17289	31.16172	29.52791
382171.4	3733530	63.16%	21.753475	21.09645	21.75348	21.09645	22.14882	21.48156	23.32419	22.62131	22.47242	21.79502	22.47242	21.79502	29.379377	28.48783	29.37938	28.48783	29.73319	28.8321
382056	3733494	55.38%	24.017159	22.76627	24.01061	22.76627	24.47444	23.19753	25.75946	24.42281	24.80827	23.52132	24.80827	23.52132	32.409822	30.73036	32.40982	30.73036	32.81121	31.10981

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
380450	3731350	14.87532	14.37811	20.09364	19.41912	20.09364	19.41912	19.75864	19.09341	19.75864	19.09341	19.95483	19.28367	14.87532	14.37811	20.09364	19.41912	20.09364	19.41912
380950	3731350	16.60951	16.2649	22.38863	21.91812	22.38863	21.91812	22.00597	21.5419	22.00597	21.5419	22.24106	21.77405	16.60951	16.2649	22.38863	21.91812	22.38863	21.91812
381450	3731350	19.13417	18.37688	25.74233	24.72277	25.74233	24.72277	25.29541	24.29204	25.29541	24.29204	25.58336	24.56852	19.13417	18.37688	25.74233	24.72277	25.74233	24.72277
381950	3731350	22.65187	21.67879	30.43075	29.1248	30.43075	29.1248	29.89442	28.61028	29.89442	28.61028	30.2503	28.95024	22.65187	21.67879	30.43075	29.1248	30.43075	29.1248
384450	3731350	19.80805	18.75982	26.67677	25.27166	26.67677	25.27166	26.05794	24.67811	26.05794	24.67811	26.32074	24.92338	19.80805	18.75982	26.67677	25.27166	26.67677	25.27166
380450	3731850	16.27374	15.90703	21.95073	21.45031	21.95073	21.45031	21.58135	21.08731	21.58135	21.08731	21.80715	21.30982	16.27374	15.90703	21.95073	21.45031	21.95073	21.45031
380950	3731850	18.73023	18.24723	25.21601	24.56378	25.21601	24.56378	24.78331	24.14086	24.78331	24.14086	25.05963	24.41061	18.73023	18.24723	25.21601	24.56378	25.21601	24.56378
381450	3731850	20.69007	20.03885	27.80945	26.934	27.80945	26.934	27.32317	26.46291	27.32317	26.46291	27.64356	26.77328	20.69007	20.03885	27.80945	26.934	27.80945	26.934
383450	3731850	18.28304	17.94754	24.6264	24.17048	24.6264	24.17048	24.09342	23.64944	24.09342	23.64944	24.34078	23.89413	18.28304	17.94754	24.6264	24.17048	24.6264	24.17048
383950	3731850	16.715	16.29715	22.54531	21.97838	22.54531	21.97838	22.02116	21.46791	22.02116	21.46791	22.23017	21.67296	16.715	16.29715	22.54531	21.97838	22.54531	21.97838
380450	3732350	17.13588	16.29429	23.09106	21.96213	23.09106	21.96213	22.69802	21.58776	22.69802	21.58776	22.94341	21.81905	17.13588	16.29429	23.09106	21.96213	23.09106	21.96213
380950	3732350	19.25561	18.82113	25.90761	25.32405	25.90761	25.32405	25.45762	24.88463	25.45762	24.88463	25.7466	25.16686	19.25561	18.82113	25.90761	25.32405	25.90761	25.32405
381450	3732350	21.6446	21.1775	29.0794	28.44974	29.0794	28.44974	28.56743	27.94842	28.56743	27.94842	28.9069	28.28115	21.6446	21.1775	29.0794	28.44974	29.0794	28.44974
381950	3732350	24.40334	22.43998	32.75457	30.13294	32.75457	30.13294	32.16936	29.59191	32.16936	29.59191	32.56219	29.94767	24.40334	22.43998	32.75457	30.13294	32.75457	30.13294
382450	3732350	22.82196	22.49211	30.65461	30.16296	30.65461	30.16296	30.08175	29.59982	30.08175	29.59982	30.43678	29.95054	22.82196	22.49211	30.65461	30.16296	30.65461	30.16296
383450	3732350	16.05402	15.73552	21.6494	21.21393	21.6494	21.21393	21.17816	20.75322	21.17816	20.75322	21.38563	20.95888	16.05402	15.73552	21.6494	21.21393	21.6494	21.21393
383950	3732350	14.8691	14.49331	20.07462	19.55906	20.07462	19.55906	19.6132	19.11089	19.6132	19.11089	19.79289	19.28782	14.8691	14.49331	20.07462	19.55906	20.07462	19.55906
384450	3732350	13.98292	13.39435	18.89286	18.0773	18.89286	18.0773	18.45256	17.67125	18.45256	17.65226	18.61515	17.80745	13.98292	13.39435	18.89286	18.0773	18.89286	18.0773
380450	3732850	17.6814	17.11866	23.81172	23.05591	23.81172	23.05591	23.40336	22.6606	23.40336	22.6606	23.66134	22.90972	17.6814	17.11866	23.81172	23.05591	23.81172	23.05591
380950	3732850	20.16032	19.40287	27.11015	26.09657	27.11015	26.09657	26.63759	25.64117	26.63759	25.64117	26.94537	25.93547	20.16032	19.40287	27.11015	26.09657	27.11015	26.09657
381450	3732850	23.4469	22.46123	31.47855	29.96741	31.47855	29.96741	30.9246	29.43938	30.9246	29.43938	31.3005	29.79537	23.4469	22.46123	31.47855	29.96741	31.47855	29.96741
382450	3732850	20.22677	19.74786	27.19221	26.54586	27.19221	26.54586	26.67824	26.04378	26.67824	26.04378	26.98315	26.34254	20.22677	19.74786	27.19221	26.54586	27.19221	26.54586
383950	3732850	13.40089	12.98136	18.10745	17.53558	18.10745	17.53558	17.69876	17.13845	17.69876	17.13845	17.8563	17.2927	13.40089	12.98136	18.10745	17.53558	18.10745	17.53558
384450	3732850	12.71047	12.16577	17.18651	16.44775	17.18651	16.44775	16.79197	16.06884	16.79197	16.06884	16.9359	16.20722	12.71047	12.16577	17.18651	16.44775	17.18651	16.44775
384950	3732850	12.16621	11.75482	16.45952	15.89872	16.45952	15.89872	16.07951	15.52941	16.07951	15.52941	16.21364	15.66021	12.16621	11.75482	16.45952	15.89872	16.45952	15.89872
380450	3733350	17.99906	17.30547	24.23079	23.29921	24.23079	23.29921	23.81354	22.89752	23.81354	22.89752	24.07918	23.15204	17.99906	17.30547	24.23079	23.29921	24.23079	23.29921
380950	3733350	20.98385	20.58744	28.09835	27.58436	28.09835	27.58436	27.60856	27.10444	27.60856	27.10444	27.9329	27.42405	20.98385	20.58744	28.09835	27.58436	28.09835	27.58436
381450	3733350	24.6839	23.97323	33.11821	32.1616	33.11821	32.1616	32.53431	31.59408	32.53431	31.59408	32.93775	31.9869	24.6839	23.97323	33.11821	32.1616	33.11821	32.1616
382450	3733350	19.62223	18.92358	26.37938	25.43918	26.37938	25.43918	25.88172	24.95812	25.88172	24.95812	26.17782	25.24389	19.62223	18.92358	26.37938	25.43918	26.37938	25.43918
382950	3733350	15.41254	14.74289	20.77466	19.87072	20.77466	19.87072	20.35464	19.4676	20.35464	19.4676	20.56249	19.66673	15.41254	14.74289	20.77466	19.87072	20.77466	19.87072
383450	3733350	13.77123	12.95046	18.58997	17.48468	18.58997	17.48468	18.19481	17.10961	18.19481	17.10961	18.36716	17.27021	13.77123	12.95046	18.58997	17.48468	18.58997	17.48468
383950	3733350	12.53126	11.92438	16.93899	16.11793	16.93899	16.11793	16.56379	15.76046	16.56379	15.76046	16.7098	15.89959	12.53126	11.92438	16.93899	16.11793	16.93899	16.11793
389450	3733350	8.506633	8.231094	11.5497	11.17241	11.5497	11.17241	11.28143	10.91209	11.28143	10.91209	11.35971	10.98889	8.506633	8.231094	11.5497	11.17241	11.5497	11.17241
389950	3733350	8.093597	7.58754	10.99554	10.30913	10.99554	10.30913	10.74562	10.0783	10.74562	10.0783	10.81853	10.1468	8.093597	7.58754	10.99554	10.30913	10.99554	10.30913
380450	3733850	18.67643	18.01257	24.98789	24.2269	24.98789	24.2268	24.55779	23.81556	24.55779	23.81556	24.83715	24.08749	18.67643	18.01257	24.98789	24.2325	24.98789	24.2325
380950	3733850	22.30885	21.40768	29.96183	28.75316	29.96183	28.75316	29.43718	28.25085	29.43718	28.25085	29.79124	28.59012	22.30885	21.40768	29.96183	28.75316	29.96183	28.75316
381450	3733850	27.02371	26.53988	36.2291	35.57544	36.2291	35.57544	35.59418	34.95062	35.59418	34.95062	36.04691	35.39686	27.02371	26.53988	36.2291	35.57544	36.2291	35.57544
382450	3733850	18.4747	17.53731	24.84248	23.58583	24.84248	23.58583	24.37432	23.13863	24.37432	23.13863	24.65108	23.39954	18.4747	17.53731	24.84248	23.58583	24.84248	23.58583
382950	3733850	14.81112	14.20428	19.96499	19.14787	19.96499	19.14787	19.56669	18.76425	19.56669	18.76425	19.76693	18.95572	14.81112	14.20428	19.96499	19.14787	19.96499	19.14787
383450	3733850	13.06543	12.47036	17.64027	16.8369	17.64027	16.8369	17.27103	16.48492	17.27103	16.48492	17.43442	16.64091	13.06543	12.47036	17.64027	16.8369	17.64027	16.8369
383950	3733850	11.87431	11.40814	16.0537	15.42285	16.0537	15.42285	15.70589	15.08823	15.70589	15.08823	15.8445	15.22154	11.87431	11.40814	16.0537	15.42285	16.0537	15.42285
384950	3733850	10.60532	10.26677	14.36113	13.90222	14.36113	13.90222	14.03669	13.58714	14.03669	13.58714	14.14981	13.69667	10.60532	10.26677	14.36113	13.90222	14.36113	13.90222
388450	3733850	9.193364	8.625655	12.47157	11.70477	12.47157	11.70477	12.17473	11.43312	12.17473	11.43312	12.26208	11.51495	9.193364	8.625655	12.47157	11.70477	12.47157	11.70477
388950	3733850	8.883075	8.468296	12.056	11.49283	12.056	11.49283	11.77292	11.22306	11.77292	11.22306	11.85594	11.30233	8.883075	8.468296	12.056	11.49283	12.056	11.49283
389450	3733850	8.645172	8.217495	11.73674	11.15632	11.73674	11.15632	11.46183	10.89509	11.46183	10.89509	11.54142	10.97068	8.645172	8.217495	11.73674	11.15632	11.73674	11.15632
389950	3733850	8.1616	7.809918	11.08712	10.60826	11.08712	10.60826	10.83156	10.36443	10.83156	10.36443	10.90481	10.43504	8.1616	7.809918	11.08712	10.60826	11.08712	10.60826
380450	3734350	19.62009	18.92515	26.37789	25.44228	26.37789	25.44228	25.92129	25.00251	25.92129	25.00251	26.22344	25.29457	19.62009	18.92515	26.37789	25.44228	26.37789	25.44228
380950	3734350	24.09348	23.40457	32.33025	31.4053	32.33025	31.4053	31.76637	30.85738	31.76637	30.85738	32.15951	31.23943	24.09348	23.40457	32.33025	31.4053	32.33025	31.4053
381450	3734350	29.80597	28.32043	39.92755	37.94195	39.92755	37.94195	39.23313	37.28031	39.23313	37.28031	39.74499	37.76468	29.80597	28.32043	39.92755	37.94195	39.92755	37.94195
382950	3734350	14.27541	13.65786	19.24444	18.41619	19.24444	18.41619	18.86263	18.05027	18.86263	18.05027	19.05546	18.23308	14.27541	13.65786	19.24444	18.41619	19.24444	18.41619
383450	3734350	12.51551	12.15586	16.90171	16.41597	16.90171	16.41597	16.55297	16.07642	16.55297	16.07642	16.70878	16.22764	12.51551	12.15586	16.90171	16.41597	16.90171	16.41597
383950	3734350	11.3393	10.99065	15.33338	14.8595	15.33338	14.8595	15.00568	14.54328	15.00568	14.54328	15.13765	14.67231	11.3393	10.99065	15.33338	14.8595	15.33338	14.8595
384950	3734350	10.21876	10.02307	13.84265	13.57469	13.84265	13.57469	13.53384	13.27222	13.53384	13.27222	13.64163	13.37906	10.21876	10.02307	13.84265	13.57469	13.84265	13.57469
386450	3734350	9.392417	9.076498	12.74148	12.31247	12.74148	12.31247	12.44704	12.02748	12.44704	12.02748	12.53775	12.11523	9.392417	9.076498	12.74148	12.31247	12.74148	12.31247
387950	3734350	9.034588	8.698993	12.2616	11.80582	12.2616	11.80582	11.9716	11.52257	11.9716	11.52257	12.05574	11.61055	9.034588	8.698993	12.2616	11.80582	12.2616	11.80582
389950	3734350	8.027142	7.612164	10.90628	10.34245	10.90628	10.34245	10.65262	10.10416	10.65262	10.10416	10.72364	10.17187	8.027142	7.612164	10.90628	10.34245	10.90628	10.34245
380450	3734850	20.63921	19.93253	27.72914	26.77886	27.72914	26.77886	27.25037	26.31621	27.25037	26.31621	27.57539	26.63032	20.63921	19.93253	27.72914	26.77886	27.72914	26.77886
380950	3734850	25.21378	24.08995	33.81918	32.31348	33.81918	32.31348	33.23265	31.75372	33.23265	31.75372	33.64987	32.15185	25.21378	24.08995	33.81918	32.31348	33.81918	32.31348
381450	3734850	28.59525	27.74118	38.31012	37.16612	38.31012	37.16612	37.64286	36.5192	37.64286	36.5192	38.13217	36.99375	28.59525	27.74118	38.31012	37.16612	38.31012	37.16612
383450	3734850	12.12402	11.89668	16.37843	16.06904	16.37843	16.06904	16.04382	15.74176	16.04382	15.74176	16.1934	15.88944	12.12402	11.89668	16.37843	16.06904	16.37843	16.06904
383950	3734850	11.01918	10.62401	14.8997	14.3647	14.8997	14.3647	14.58773	14.0659	14.58773	14.0659	14.71731	14.1914	11.01918	10.62401	14.8997	14.3647	14.8997	14.3647
387450	3734850	8.736754	8.405758	11.86077	11.41073	11.86077	11.41073	11.58327	11.14297	11.58327	11.14297	11.66384	11.22063	8.736754	8.405758	11.86077	11.41073	11.86077	11.41073
388450	3734850	8.353771	8.094596	11.34576	10.99475	11.34576	10.99475	11.08007	10.73709	11.08007	10.73709	11.15525	10.81152	8.353771	8.094596	11.34576	10.99475	11.34576	10.99475
388950	3734850	8.184158	7.709889	11.11582	10.47262	11.11582	10.47262	10.85368	10.23139	10.85368	10.23139	10.92689	10.30094	8.184158	7.709889	11.11582	10.47262	11.11582	10.47262
389450	3734850	7.854457	7.518672	10.67242	10.21538	10.67242	10.21538	10.42381	9.977833	10.42381	9.977833	10.49296	10.04437	7.854457	7.518672	10.67242	10.21538	10.67242	10.21538
380450	3735350	20.62175	20.31189	27.70133	27.27812	27.70133	27.27812	27.22401	26.80743	27.22401	26.80743	27.55044	27.13148	20.62175	20.31189	27.70133	27.27812	27.70133	27.27812
380950	3735350	24.17236	23.67333	32.41968	31.74814	32.41968	31.74814	31.85699	31.19704	31.85699	31.19704	32.25789	31.59061	24.17236	23.67333	32.41968	31.74814	32.41968	31.74814
381450	3735350	25.97544	25.37101	34.81382	34.00228	34.81382	34.00228	34.2081	33.41039	34.2081	33.41039	34.6476	33.84012	25.97544	25.37101	34.81382	34.00228	34.81382	34.00228
381950	3735350	25.92091	25.20954	34.73941	33.7852	34.73941	33.7852	34.1274	33.18972	34.1274	33.18972	34.56532	33.61583	25.92091	25.20954	34.73941	33.7852	34.73941	33.7852
382950	3735350	14.5947	13.72904	19.65701	18.55262	19.65701	18.55262	19.28144	18.17713	19.28144	18.12383	19.48752	18.39065	14.5947	13.77174	19.65701	18.55262	19.65701	18.55262
383950	3735350	11.26254	10.76492	15.21977	14.54821	15.21977	14.54821	14.90899	14.25068	14.90899	14.25068	15.04602	14.38126	11.26254	10.76492	15.21977	14.54821	15.21977	14.54821
384450	3735350	10.42854	10.14858	14.11048	13.72828	14.11048	13.72828	13.8139	13.43982	13.8139	13.43982	13.93287	13.55687	10.42854	10.14858	14.11048	13.72828	14.11048	13.72828
384950	3735350	9.735844	9.530167	13.18681	12.90355	13.18681	12.90355	12.90457	12.62642	12.90457	12.62642	13.00979	12.73099	9.735844	9.530167	13.18681	12.90355	13.18681	12.90355
387950	3735350	8.161708	7.799376	11.0865	10.59422	11.0865	10.59422	10.82761	10.34783	10.82761	10.34783	10.90061	10.41777	8.161708	7.799376	11.0865	10.59422	11.0865	10.59422
388450	3735350	7.984009	7.65276	10.8701	10.40601	10.8701	10.40601	10.61532	10.1647	10.61532	10.1647	10.68539	10.23343	7.984009	7.65276	10.8701	10.40601	10.8701	10.40601
388950	3735350	7.882258	7.535934	10.72847	10.23819	10.72847	10.23819	10.47654	10.0009	10.47654	10.0009	10.54566	10.0681	7.882258	7.535934	10.72847	10.23819	10.72847	10.23819
389450	3735350	7.516506	7.269797	10.21639	9.878679	10.21639	9.878679	9.979983	9.65118	9.979983	9.65118	10.04521	9.715342	7.516506	7.269797	10.21639	9.878679	10.21639	9.878679
380450	3735850	20.12762	19.35545	27.02415	25.98828	27.02415	25.98828	26.55915	25.53972	26.55915	25.53972	26.88279	25.85049	20.12762	19.35545	27.02415	25.98828	27.02415	25.98828
380950	3735850	22.00568	21.52918	29.52256	28.87977	29.52256	28.87977	29.0108	28.37975	29.0108	28.37975	29.37267	28.73517	22.00568	21.66828	29.52256	28.87977	29.52256	28.87977
381450	3735850	24.01381	23.47087	32.19415	31.46215	32.19415	31.46215	31.63419	30.91388	31.63419	30.91388	32.03713	31.30906	24.01381	23.47087	32.19415	31.46215	32.19415	31.46215
382450	3735850	21.33535	19.99874	28.62383	26.83738	28.62383	26.83738	28.11118	26.35485	28.11118	26.35485	28.45917	26.67829	21.33535	19.99874	28.62383	26.83738	28.62383	26.83738
382950	3735850	16.64593	15.80588	22.38211	21.25533	22.38211	21.25533	21.96652	20.71904	21.96652	20.66314	22.21734	21.09817	16.64593	15.80588	22.38211	21.25533	22.38211	21.25533
383450	3735850	13.0727	12.34175	17.62356	16.64262	17.62356	16.64262	17.28271	16.3199	17.28271	16.3199	17.4605	16.4859	13.0727	12.47595	17.62356	16.79822	17.62356	16.74612
383950	3735850	11.40855	10.60983	15.40806	14.51939	15.40806	14.47126	15.0996	13.98039	15.0996	13.98039	15.24277	14.20681	11.40855	10.74708	15.40806	14.51939	15.40806	14.51939
384450	3735850	10.37225	9.957022	14.02798	13.46672	14.02798	13.45511	13.7488	13.23116	13.73895	13.23116	13.86056	13.30555	10.37225	9.984622	14.02798	13.46672	14.02798	13.46672
384950	3735850	9.678518	9.394504	13.10488	12.71826	13.10488	12.71826	12.82975	12.44995	12.82975	12.44995	12.9368	12.55441	9.678518	9.394504	13.10488	12.71826	13.10488	12.71826
385450	3735850	9.161821	8.889507	12.41496	12.04422	12.41496	12.04422	12.14727	11.78316	12.14727	11.78316	12.24388	11.87733	9.161821	8.889507	12.41496	12.04422	12.41496	12.04422

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
385950	3735850	8.866633	8.535417	12.02074	11.57231	12.02074	11.57231	11.75532	11.31667	11.75532	11.31667	11.84569	11.40343	8.866633	8.535417	12.02074	11.57231	12.02074	11.57231
386450	3735850	8.439587	8.138731	11.44978	11.04057	11.44978	11.04057	11.19301	10.79262	11.19301	10.79262	11.27544	10.87243	8.439587	8.138731	11.44978	11.04057	11.44978	11.04057
386950	3735850	8.341175	8.062501	11.32507	10.94545	11.32507	10.94545	11.0685	10.69777	11.0685	10.69777	11.14629	10.77349	8.341175	8.062501	11.32507	10.94545	11.32507	10.94545
388450	3735850	7.623989	7.29818	10.36128	9.917638	10.36128	9.917638	10.12101	9.688464	10.12101	9.688464	10.18756	9.752597	7.623989	7.29818	10.36128	9.917638	10.36128	9.917638
388950	3735850	7.398797	7.165474	10.05865	9.737931	10.05865	9.737931	9.826259	9.512967	9.826259	9.512967	9.889699	9.575723	7.398797	7.165474	10.05865	9.737931	10.05865	9.737931
380450	3736350	19.59135	18.97044	26.30982	25.47257	26.30982	25.47257	25.85596	25.03214	25.85596	25.03214	26.16882	25.33621	19.59135	18.97044	26.30982	25.47257	26.30982	25.47257
380950	3736350	21.24791	20.58007	28.523	27.12187	28.523	27.12187	28.02845	26.6493	28.02829	26.6493	28.3715	26.97551	21.24791	20.58007	28.523	27.12187	28.523	27.12187
381450	3736350	22.32518	21.80473	29.94396	29.24259	29.94396	29.24259	29.42115	28.73137	29.42115	28.73137	29.79038	29.0931	22.32518	21.80473	29.94396	29.24259	29.94396	29.24259
382450	3736350	19.73531	19.09861	26.49162	25.63663	26.49162	25.63663	26.0172	25.17626	26.0172	25.17626	26.33371	25.48252	19.73531	19.09861	26.49162	25.63663	26.49162	25.63663
382950	3736350	16.59078	15.53127	22.30358	20.88604	22.30358	20.88604	21.89443	20.50038	21.89443	20.50038	22.1468	20.7337	16.59078	15.53127	22.30358	20.88604	22.30358	20.88604
383950	3736350	11.64979	10.97026	15.72325	14.81113	15.72325	14.81113	15.41496	14.52006	15.41496	14.52006	15.56609	14.66042	11.64979	10.97026	15.72325	14.81113	15.72325	14.81113
384450	3736350	10.37847	9.614067	14.0304	13.00481	14.0304	13.00481	13.74631	12.73979	13.74631	12.73979	13.87102	12.85215	10.37847	9.614067	14.0304	13.00481	14.0304	13.00481
384950	3736350	9.412284	9.146145	12.74102	12.37959	12.74102	12.37959	12.4777	12.12263	12.4777	12.12263	12.58372	12.22591	9.412284	9.146145	12.74102	12.37959	12.74102	12.37959
385450	3736350	8.913611	8.731544	12.0765	11.82692	12.0765	11.82692	11.82105	11.57527	11.82105	11.57527	11.91662	11.66973	8.913611	8.731544	12.0765	11.82692	12.0765	11.82692
385950	3736350	8.514833	8.223772	11.54468	11.15016	11.54468	11.15016	11.29362	10.90758	11.29362	10.90758	11.3807	10.99164	8.514833	8.223772	11.54468	11.15016	11.54468	11.15016
386450	3736350	8.410163	8.095781	11.40885	10.98288	11.40885	10.98288	11.15523	10.74007	11.15523	10.74007	11.2381	10.81986	8.410163	8.095781	11.40885	10.98288	11.40885	10.98288
386950	3736350	8.09816	7.83314	10.9934	10.63294	10.9934	10.63294	10.74636	10.39492	10.74636	10.39492	10.82287	10.46931	8.09816	7.83314	10.9934	10.63294	10.9934	10.63294
387450	3736350	7.921414	7.643608	10.75725	10.38021	10.75725	10.38021	10.51196	10.14373	10.51196	10.14373	10.58481	10.21397	7.921414	7.643608	10.75725	10.38021	10.75725	10.38021
387950	3736350	7.725915	7.444338	10.49653	10.11446	10.49653	10.11446	10.25515	9.882694	10.25515	9.882694	10.3241	9.949101	7.725915	7.444338	10.49653	10.11446	10.49653	10.11446
388450	3736350	7.393157	7.123887	10.0494	9.684001	10.0494	9.684001	9.817388	9.462548	9.817388	9.462548	9.881403	9.524343	7.393157	7.123887	10.0494	9.684001	10.0494	9.684001
388950	3736350	7.237419	6.931065	9.840581	9.423956	9.840581	9.423956	9.61356	9.208669	9.61356	9.208669	9.675186	9.268063	7.237419	6.931065	9.840581	9.423956	9.840581	9.423956
380450	3736850	18.5658	17.96726	24.9473	24.13742	24.9473	24.13742	24.51802	23.72127	24.51802	23.72127	24.80919	24.00501	18.5658	17.96726	24.9473	24.13742	24.9473	24.13742
380950	3736850	19.56616	18.87954	26.27859	25.35197	26.27859	25.35197	25.82197	24.90991	25.82197	24.90991	26.13287	25.21139	19.56616	18.87954	26.27859	25.35197	26.27859	25.35197
381450	3736850	20.21239	19.58681	27.12502	26.28527	27.12502	26.28527	26.65119	25.82552	26.65119	25.82552	26.97993	26.14407	20.21239	19.58681	27.12502	26.28527	27.12502	26.28527
382450	3736850	18.3376	17.58712	24.62564	23.61967	24.62564	23.61967	24.18516	23.19624	24.18516	23.19624	24.47556	23.47398	18.3376	17.58712	24.62564	23.61967	24.62564	23.61967
382950	3736850	15.70092	14.60605	21.11336	19.64903	21.11336	19.64903	20.72759	19.28828	20.72759	19.28828	20.96444	19.50532	15.70092	14.60605	21.11336	19.64903	21.11336	19.64903
383450	3736850	13.62825	12.60942	18.35348	16.99024	18.35348	16.99024	18.00886	16.66937	18.00886	16.66937	18.20296	16.84525	13.62825	12.60942	18.35348	16.99024	18.35348	16.99024
383950	3736850	11.83129	11.332	15.95656	15.28665	15.95656	15.28665	15.65035	14.99231	15.65035	14.99231	15.80924	15.143	11.83129	11.332	15.95656	15.28665	15.95656	15.28665
384450	3736850	10.44844	9.871662	14.11618	13.3423	14.11618	13.3423	13.83568	13.0769	13.83568	13.0769	13.96532	13.19736	10.44844	9.871662	14.11618	13.3423	14.11618	13.3423
384950	3736850	9.360047	8.921547	12.66573	12.07648	12.66573	12.07648	12.40817	11.82935	12.40817	11.82935	12.51598	11.93034	9.360047	8.921547	12.66573	12.07648	12.66573	12.07648
385950	3736850	8.290779	8.099007	11.24073	10.97939	11.24073	10.97939	11.00019	10.7446	11.00019	10.7446	11.08565	10.82863	8.290779	8.099007	11.24073	10.97939	11.24073	10.97939
386450	3736850	7.98188	7.770315	10.828	10.54117	10.828	10.54117	10.59124	10.31229	10.59124	10.31229	10.67047	10.38961	7.98188	7.770315	10.828	10.54117	10.828	10.54117
387450	3736850	7.731168	7.41631	10.499	10.07296	10.499	10.07296	10.26281	9.848427	10.26281	9.848427	10.33439	9.916841	7.731168	7.41631	10.499	10.07296	10.499	10.07296
387950	3736850	7.522511	7.293177	10.22077	9.908831	10.22077	9.908831	9.988099	9.683921	9.988099	9.683921	10.0554	9.749413	7.522511	7.293177	10.22077	9.908831	10.22077	9.908831
388450	3736850	7.14036	6.922288	9.705264	9.409583	9.705264	9.409583	9.483191	9.19614	9.483191	9.19614	9.545518	9.256604	7.14036	6.922288	9.705264	9.409583	9.705264	9.409583
388950	3736850	6.92388	6.698619	9.415352	9.108078	9.415352	9.108078	9.19969	8.901347	9.19969	8.901347	9.258489	8.958897	6.92388	6.698619	9.415352	9.108078	9.415352	9.108078
389450	3736850	6.750777	6.567066	9.182917	8.930198	9.182917	8.930198	8.973665	8.726565	8.973665	8.726565	9.030077	8.782456	6.750777	6.567066	9.182917	8.930198	9.182917	8.930198
380450	3737350	16.98872	16.56625	22.84319	22.26696	22.84319	22.26696	22.44987	21.77258	22.44987	21.77258	22.71076	22.13914	16.98872	16.56625	22.84319	22.26696	22.84319	22.26696
380950	3737350	18.2613	17.62774	24.53559	23.68059	24.53559	23.68059	24.10853	23.26691	24.10853	23.26691	24.39507	23.54471	18.2613	17.62774	24.53559	23.68059	24.53559	23.68059
381450	3737350	18.34349	17.66014	24.63026	23.71298	24.63026	23.71298	24.19998	23.2983	24.19998	23.2983	24.49343	23.58059	18.34349	17.66014	24.63026	23.71298	24.63026	23.71298
381950	3737350	17.97487	17.23113	24.13869	23.14167	24.13869	23.14167	23.71264	22.73179	23.71264	22.73179	23.99824	23.00467	17.97487	17.23113	24.13869	23.14167	24.13869	23.14167
382450	3737350	16.80194	16.15822	22.57631	21.71236	22.57631	21.71236	22.17146	21.32362	22.17146	21.32362	22.43256	21.57444	16.80194	16.15822	22.57631	21.71236	22.57631	21.71236
382950	3737350	14.78972	14.02297	19.89495	18.86896	19.89495	18.86896	19.53255	18.52397	19.53255	18.52397	19.75331	18.73105	14.78972	14.02297	19.89495	18.86896	19.89495	18.86896
383450	3737350	13.02545	12.45042	17.54581	16.77465	17.54581	16.77465	17.21739	16.46196	17.21739	16.46196	17.40144	16.63688	13.02545	12.45042	17.54581	16.77465	17.54581	16.77465
383950	3737350	11.61494	10.80431	15.66511	14.58141	15.66511	14.58141	15.36666	14.30119	15.36666	14.30119	15.52284	14.44255	11.61494	10.80431	15.66511	14.58141	15.66511	14.58141
384450	3737350	10.52146	9.983452	14.207	13.48538	14.207	13.48538	13.92925	13.22187	13.92925	13.22187	14.06343	13.34741	10.52146	9.983452	14.207	13.48538	14.207	13.48538
384950	3737350	9.419249	9.009571	12.73869	12.18775	12.73869	12.18775	12.48406	11.94246	12.48406	11.94246	12.59589	12.04802	9.419249	9.009571	12.73869	12.18775	12.73869	12.18775
385450	3737350	8.594672	8.291856	11.64089	11.23133	11.64089	11.23133	11.40086	10.9988	11.40086	10.9988	11.49531	11.08956	8.594672	8.291856	11.64089	11.23133	11.64089	11.23133
385950	3737350	8.234787	7.908776	11.16118	10.72055	11.16118	10.72055	10.92629	10.4933	10.92629	10.4933	11.01317	10.57601	8.234787	7.908776	11.16118	10.72055	11.16118	10.72055
386950	3737350	7.706725	7.476329	10.45778	10.14553	10.45778	10.14553	10.22766	9.92423	10.22766	9.92423	10.30282	9.997287	7.706725	7.476329	10.45778	10.14553	10.45778	10.14553
387950	3737350	7.313286	7.092958	9.935432	9.63562	9.935432	9.63562	9.711466	9.419294	9.711466	9.419294	9.777647	9.483795	7.313286	7.092958	9.935432	9.63562	9.935432	9.63562
388450	3737350	6.967153	6.818341	9.470817	9.266927	9.470817	9.266927	9.256751	9.057952	9.256751	9.057952	9.317641	9.118187	6.967153	6.818341	9.470817	9.266927	9.470817	9.266927
388950	3737350	6.99703	6.75841	9.514542	9.190492	9.514542	9.190492	9.297592	8.982718	9.297592	8.982718	9.35728	9.040494	6.99703	6.75841	9.514542	9.190492	9.514542	9.190492
389450	3737350	6.855006	6.585573	9.325896	8.958905	9.325896	8.958905	9.112245	8.756765	9.112245	8.756765	9.168901	8.811843	6.855006	6.585573	9.325896	8.958905	9.325896	8.958905
380450	3737850	16.0562	15.38064	21.5963	20.68207	21.5963	20.68207	21.22478	20.32433	21.22478	20.32433	21.46884	20.55987	16.0562	15.38064	21.5963	20.68207	21.5963	20.68207
380950	3737850	16.89644	16.56723	22.71052	22.26237	22.71052	22.26237	22.31419	21.87333	22.31419	21.87333	22.57593	22.13201	16.89644	16.56723	22.71052	22.26237	22.71052	22.26237
381450	3737850	17.45849	16.43221	23.45261	22.07912	23.45261	22.07912	23.04221	21.6912	23.04221	21.6912	23.31743	21.94807	17.45849	16.43221	23.45261	22.07912	23.45261	22.07912
381950	3737850	16.58642	15.76988	22.2877	21.19381	22.2877	21.19381	21.89359	20.81753	21.89359	20.81753	22.15191	21.06177	16.58642	15.76988	22.2877	21.19381	22.2877	21.19381
382450	3737850	15.48225	14.84787	20.81495	19.96369	20.81495	19.96369	20.44218	19.60569	20.44218	19.60569	20.67853	19.83179	15.48719	14.84984	20.81495	19.96369	20.81495	19.96369
382950	3737850	13.96622	13.32899	18.79424	17.94041	18.79424	17.94041	18.45218	17.61308	18.45218	17.61308	18.65802	17.80801	13.96622	13.32899	18.79424	17.94041	18.79424	17.94041
383450	3737850	12.34728	11.62364	16.638	15.66878	16.638	15.66878	16.32752	15.3779	16.32752	15.3779	16.49996	15.53833	12.34728	11.62364	16.638	15.66878	16.638	15.66878
383950	3737850	11.27081	10.8289	15.20255	14.60966	15.20255	14.60966	14.91462	14.33154	14.91462	14.33154	15.06585	14.47547	11.27081	10.8289	15.20255	14.60966	15.20255	14.60966
384450	3737850	10.09156	9.481898	13.62926	12.81179	13.62926	12.81179	13.36453	12.56201	13.36453	12.56201	13.49249	12.67989	10.09156	9.481898	13.62926	12.81179	13.62926	12.81179
384950	3737850	9.457652	8.989733	12.78455	12.15612	12.78455	12.15612	12.53257	11.91452	12.53257	11.91452	12.64768	12.0221	9.457652	8.989733	12.78455	12.15612	12.78455	12.15612
385450	3737850	8.727716	8.366531	11.8131	11.32622	11.8131	11.32622	11.57352	11.09547	11.57352	11.09547	11.67302	11.18995	8.727716	8.366531	11.8131	11.32622	11.8131	11.32622
385950	3737850	8.034104	7.806728	10.88933	10.57999	10.88933	10.57999	10.6625	10.35844	10.6625	10.35844	10.74758	10.44136	8.034104	7.806728	10.88933	10.57999	10.88933	10.57999
386450	3737850	7.716595	7.489125	10.46609	10.15677	10.46609	10.15677	10.24351	9.940469	10.24351	9.940469	10.32186	10.01677	7.716595	7.489125	10.46609	10.15677	10.46609	10.15677
386950	3737850	7.49519	7.248395	10.17052	9.836757	10.17052	9.836757	9.950722	9.624075	9.950722	9.624075	10.02453	9.695008	7.49519	7.248395	10.17052	9.836757	10.17052	9.836757
387450	3737850	7.175628	6.993766	9.743777	9.496366	9.743777	9.496366	9.53048	9.289314	9.53048	9.289314	9.598159	9.355576	7.175628	6.993766	9.743777	9.496366	9.743777	9.496366
387950	3737850	7.126087	6.868742	9.679961	9.330591	9.679961	9.330591	9.464271	9.125209	9.464271	9.125209	9.529597	9.18849	7.126087	6.868742	9.679961	9.330591	9.679961	9.330591
388450	3737850	6.817312	6.650529	9.266005	9.03575	9.266005	9.03575	9.059279	8.834937	9.059279	8.834937	9.119647	8.894429	6.817312	6.650529	9.266005	9.03575	9.266005	9.03575
388950	3737850	6.895924	6.651005	9.376415	9.043852	9.376415	9.043852	9.163791	8.841688	9.163791	8.841688	9.223032	8.89912	6.895924	6.651005	9.376415	9.043852	9.376415	9.043852
389450	3737850	6.766168	6.535996	9.204342	8.891445	9.204342	8.891445	8.994598	8.691047	8.994598	8.691047	9.050959	8.745763	6.766168	6.535996	9.204342	8.891445	9.204342	8.891445
380450	3738350	15.26488	14.89231	20.53003	20.02533	20.53003	20.02533	20.17483	19.67818	20.17483	19.67818	20.40725	19.90605	15.26488	14.89231	20.53003	20.02533	20.53003	20.02533
380950	3738350	15.69099	15.05962	21.09396	20.24608	21.09396	20.24608	20.72654	19.89306	20.72654	19.89306	20.96838	20.12473	15.69099	15.05962	21.09396	20.24608	21.09396	20.24608
381450	3738350	16.15603	15.23976	21.71701	20.48789	21.71701	20.48789	21.33472	20.1265	21.33472	20.1265	21.58385	20.3604	16.15603	15.23976	21.71701	20.48789	21.71701	20.48789
381950	3738350	15.32787	14.47108	20.60863	19.46159	20.60863	19.46159	20.24408	19.11528	20.24408	19.11528	20.47838	19.33441	15.32787	14.47108	20.60863	19.46159	20.60863	19.46159
382450	3738350	14.42283	13.78805	19.40183	18.55042	19.40183	18.55042	19.05433	18.21718	19.05433	18.21718	19.27035	18.42266	14.42283	13.78805	19.40183	18.55042	19.40183	18.55042
382950	3738350	13.2252	12.45594	17.80461	16.77506	17.80461	16.77506	17.48039	16.46933	17.48039	16.46933	17.6726	16.64797	13.2252	12.45594	17.80461	16.77506	17.80461	16.77506
383450	3738350	11.67989	11.25942	15.74497	15.18005	15.74497	15.18005	15.45254	14.89955	15.45254	14.89955	15.6136	15.05435	11.67989	11.25942	15.74497	15.18005	15.74497	15.18005
383950	3738350	10.8333	10.43929	14.61655	14.0876	14.61655	14.0876	14.34094	13.82103	14.34094	13.82103	14.4849	13.9587	10.8333	10.43929	14.61655	14.0876	14.61655	14.0876
384450	3738350	10.16029	9.475404	13.71949	12.80278	13.71949	12.80278	13.45527	12.55574	13.45527	12.55574	13.58543	12.67405	10.16029	9.475404	13.71949	12.80278	13.71949	12.80278
384950	3738350	9.224855	8.811744	12.4722	11.9179	12.4722	11.9179	12.22827	11.68332	12.22827	11.68332	12.33999	11.78823	9.224855	8.811744	12.4722	11.9179	12.4722	11.9179
385450	3738350	8.993042	8.399302	12.16778	11.3713	12.16778	11.3713	11.923	11.14226	11.923	11.14226	12.02751	11.23726	8.993042	8.399302	12.16778	11.3713	12.16778	11.3713
385950	3738350	8.194304	7.880463	11.09982	10.67684	11.09982	10.67684	10.87248	10.45662	10.87248	10.45662	10.96233	10.54199	8.194304	7.880463	11.09982	10.67684	11.09982	10.67684
386450	3738350	7.602166	7.373243	10.3098	9.998982	10.3098	9.998982	10.09351	9.788669	10.09351	9.788669	10.17157	9.864447	7.602166	7.373243	10.3098	9.998982	10.3098	9.998982
386950	3738350	7.34882	7.05151	9.972099	9.570522	9.972099	9.570522	9.758638	9.36732	9.758638	9.36732	9.831257	9.436566	7.34882	7.05151	9.972099	9.570522	9.972099	9.570522

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
387450	3738350	7.207476	6.920427	9.784413	9.39755	9.784413	9.39755	9.571803	9.194759	9.571803	9.194759	9.640996	9.260373	7.207476	6.920427	9.784413	9.39755	9.784413	9.39755
387950	3738350	6.976532	6.694276	9.477133	9.095587	9.477133	9.095587	9.268814	8.897987	9.268814	8.897987	9.333105	8.959353	6.976532	6.694276	9.477133	9.095587	9.477133	9.095587
388450	3738350	6.666504	6.499772	9.060986	8.833097	9.060986	8.833097	8.860739	8.637762	8.860739	8.637762	8.920147	8.696137	6.666504	6.499772	9.060986	8.833097	9.060986	8.833097
388950	3738350	6.783395	6.631169	9.215428	9.008142	9.215428	9.008142	9.009038	8.806649	9.009038	8.806649	9.067593	8.86462	6.783395	6.631169	9.215428	9.008142	9.215428	9.008142
389450	3738350	6.62552	6.434038	9.012856	8.751644	9.012856	8.751644	8.809969	8.555929	8.809969	8.555929	8.865614	8.610438	6.62552	6.434038	9.012856	8.751644	9.012856	8.751644
380450	3738850	13.88671	13.51576	18.68245	18.18331	18.68245	18.18331	18.36025	17.8692	18.36025	17.8692	18.56964	18.07292	13.88671	13.51576	18.68245	18.18331	18.68245	18.18331
380950	3738850	14.51959	13.99578	19.52779	18.82468	19.52779	18.82468	19.18844	18.49729	19.18844	18.49729	19.40911	18.70948	14.51959	13.99578	19.52779	18.82468	19.52779	18.82468
381450	3738850	14.34626	13.7383	19.29656	18.48126	19.29656	18.48126	18.95818	18.15595	18.95818	18.15595	19.1752	18.36256	14.34626	13.7383	19.29656	18.48126	19.29656	18.48126
381950	3738850	14.01596	13.17763	18.85656	17.73359	18.85656	17.73359	18.52201	17.41949	18.52201	17.41949	18.73176	17.6149	14.01596	13.17763	18.85656	17.73359	18.85656	17.73359
382450	3738850	13.45432	12.84719	18.11	17.29497	18.11	17.29497	17.78547	16.98393	17.78547	16.98393	17.98296	17.17147	13.45432	12.84719	18.11	17.29497	18.11	17.29497
382950	3738850	12.50646	11.91283	16.84521	16.04951	16.84521	16.04951	16.53865	15.75702	16.53865	15.75702	16.71739	15.92574	12.50646	11.91283	16.84521	16.04951	16.84521	16.04951
383450	3738850	11.41964	10.9694	15.39644	14.79217	15.39644	14.79217	15.11173	14.51935	15.11173	14.51935	15.26861	14.66923	11.41964	10.9694	15.39644	14.79217	15.39644	14.79217
383950	3738850	10.49786	9.998743	14.16817	13.4989	14.16817	13.4989	13.9015	13.24433	13.9015	13.24433	14.03963	13.37418	10.49786	9.998743	14.16817	13.4989	14.16817	13.4989
384450	3738850	9.881919	9.481915	13.34629	12.80919	13.34629	12.80919	13.09057	12.56437	13.09057	12.56437	13.21638	12.68402	9.881919	9.481915	13.34629	12.80919	13.34629	12.80919
384950	3738850	9.198574	8.586226	12.43508	11.61545	12.43508	11.61545	12.19409	11.38827	12.19409	11.38827	12.30642	11.48977	9.198574	8.586226	12.43508	11.61545	12.43508	11.61545
385450	3738850	8.529748	8.208725	11.54329	11.11052	11.54329	11.11052	11.31303	10.88933	11.31303	10.88933	11.41159	10.98362	8.529748	8.208725	11.54329	11.11052	11.54329	11.11052
385950	3738850	8.211107	7.788808	11.11931	10.55171	11.11931	10.55171	10.89423	10.33612	10.89423	10.33612	10.98591	10.42118	8.211107	7.788808	11.11931	10.55171	11.11931	10.55171
386450	3738850	7.833664	7.489648	10.61798	10.15328	10.61798	10.15328	10.39764	9.941918	10.39764	9.941918	10.48062	10.02055	7.833664	7.489648	10.61798	10.15328	10.61798	10.15328
386950	3738850	7.281696	7.025082	9.879847	9.531505	9.879847	9.531505	9.670842	9.330411	9.670842	9.330411	9.743629	9.400789	7.281696	7.025082	9.879847	9.531505	9.879847	9.531505
387450	3738850	6.999351	6.727021	9.502786	9.134359	9.502786	9.134359	9.298203	8.939537	9.298203	8.939537	9.365365	9.003885	6.999351	6.727021	9.502786	9.134359	9.502786	9.134359
387950	3738850	6.795861	6.554038	9.231031	8.903762	9.231031	8.903762	9.03064	8.712004	9.03064	8.712004	9.093929	8.772824	6.795861	6.554038	9.231031	8.903762	9.231031	8.903762
388450	3738850	6.572382	6.311042	8.931616	8.577485	8.931616	8.577485	8.73581	8.390887	8.73581	8.390887	8.795176	8.447743	6.572382	6.311042	8.931616	8.577485	8.931616	8.577485
388950	3738850	6.476885	6.295839	8.806743	8.559866	8.806743	8.559866	8.611946	8.371313	8.611946	8.371313	8.668337	8.426514	6.476885	6.295839	8.806743	8.559866	8.806743	8.559866
389450	3738850	6.531322	6.269548	8.876711	8.519159	8.876711	8.519159	8.677753	8.330644	8.677753	8.330644	8.73315	8.384062	6.537032	6.269548	8.876711	8.519159	8.876711	8.519159
380450	3739350	13.09099	12.6521	17.62083	17.03117	17.62083	17.03117	17.31617	16.73675	17.31617	16.73675	17.51021	16.92382	13.09099	12.6521	17.62083	17.03117	17.62083	17.03117
380950	3739350	13.52906	12.97747	18.20667	17.46613	18.20667	17.46613	17.88905	17.16185	17.88905	17.16185	18.09049	17.35445	13.52906	12.97747	18.20667	17.46613	18.20667	17.46613
381450	3739350	13.20439	12.86846	17.77318	17.31998	17.77318	17.31998	17.46082	17.01509	17.46082	17.01509	17.65573	17.20538	13.20439	12.86846	17.77318	17.31998	17.77318	17.31998
381950	3739350	12.98637	12.24076	17.48168	16.4826	17.48168	16.4826	17.17162	16.19034	17.17162	16.19034	17.36209	16.3683	12.98637	12.24076	17.48168	16.4826	17.48168	16.4826
382450	3739350	12.45415	12.02099	16.77419	16.19059	16.77419	16.19059	16.4738	15.90028	16.4738	15.90028	16.65281	16.07299	12.45415	12.02099	16.77419	16.19059	16.77419	16.19059
382950	3739350	11.78426	11.41	15.88234	15.37723	15.88234	15.37723	15.58308	15.09644	15.58308	15.09644	15.75905	15.25647	11.78426	11.41	15.88234	15.37723	15.88234	15.37723
383450	3739350	11.02268	10.53517	14.86572	14.21137	14.86572	14.21137	14.59112	13.94916	14.59112	13.94916	14.74094	14.09135	11.02268	10.53517	14.86572	14.21137	14.86572	14.21137
383950	3739350	10.10728	9.558157	13.64537	12.90916	13.64537	12.90916	13.38906	12.66597	13.38906	12.66597	13.52051	12.78825	10.10728	9.558157	13.64537	12.90916	13.64537	12.90916
384450	3739350	9.55707	9.208436	12.91196	12.44229	12.91196	12.44229	12.66519	12.20531	12.66519	12.20531	12.78533	12.3207	9.55707	9.208436	12.91196	12.44229	12.91196	12.44229
384950	3739350	9.001248	8.655448	12.17075	11.70579	12.17075	11.70579	11.93602	11.47886	11.93602	11.47886	12.04524	11.58274	9.001248	8.655448	12.17075	11.70579	12.17075	11.70579
385450	3739350	8.53741	7.893005	11.55276	10.68935	11.55276	10.68935	11.32368	10.47682	11.32368	10.47682	11.42287	10.56526	8.53741	7.893005	11.55276	10.68935	11.55276	10.68935
385950	3739350	7.980346	7.750138	10.80864	10.49706	10.80864	10.49706	10.59104	10.2848	10.59104	10.2848	10.67967	10.37062	7.980346	7.750138	10.80864	10.49706	10.80864	10.49706
386450	3739350	7.746123	7.329793	10.49655	9.936391	10.49655	9.936391	10.28164	9.731793	10.28164	9.731793	10.36517	9.809186	7.746123	7.329793	10.49655	9.936391	10.49655	9.936391
386950	3739350	7.301872	6.977135	9.903396	9.464496	9.903396	9.464496	9.69735	9.266719	9.69735	9.266719	9.772296	9.337635	7.301872	6.977135	9.903396	9.464496	9.903396	9.464496
387450	3739350	6.955151	6.700724	9.440956	9.09624	9.440956	9.09624	9.240444	8.904074	9.240444	8.904074	9.308307	8.969362	6.955151	6.700724	9.440956	9.09624	9.440956	9.09624
387950	3739350	6.647825	6.473839	9.030335	8.79406	9.030335	8.79406	8.835827	8.605782	8.835827	8.605782	8.897827	8.666327	6.647825	6.473839	9.030335	8.79406	9.030335	8.79406
388450	3739350	6.460771	6.193246	8.778982	8.417031	8.778982	8.417031	8.58858	8.235927	8.58858	8.235927	8.647606	8.292169	6.460771	6.193246	8.778982	8.417031	8.778982	8.417031
388950	3739350	6.369675	6.150809	8.659508	8.362493	8.659508	8.362493	8.47018	8.180273	8.47018	8.180273	8.52655	8.234597	6.369675	6.150809	8.659508	8.362493	8.659508	8.362493
389450	3739350	6.212039	6.015912	8.449064	8.182268	8.449064	8.182268	8.263127	8.002963	8.263127	8.002963	8.316462	8.054756	6.212039	6.015912	8.449064	8.182268	8.449064	8.182268
380450	3739850	12.43778	11.80338	16.74839	15.8986	16.74839	15.8986	16.45937	15.62365	16.45937	15.62365	16.64117	15.79448	12.43778	11.80338	16.74839	15.8986	16.74839	15.8986
380950	3739850	12.26567	11.87611	16.51734	15.99294	16.51734	15.99294	16.22965	15.71421	16.22965	15.71421	16.40827	15.88708	12.26567	11.87611	16.51734	15.99294	16.51734	15.99294
381450	3739850	12.26742	11.8712	16.52076	15.98727	16.52076	15.98727	16.23111	15.70612	16.23111	15.70612	16.4091	15.87819	12.26742	11.8712	16.52076	15.98727	16.52076	15.98727
381950	3739850	12.15026	11.55427	16.36525	15.56553	16.36525	15.56553	16.07597	15.28896	16.07597	15.28896	16.25099	15.45405	12.15026	11.55427	16.36525	15.56553	16.36525	15.56553
382450	3739850	11.62916	11.171	15.67097	15.05446	15.67097	15.05446	15.39056	14.78408	15.39056	14.78408	15.55474	14.94127	11.62916	11.171	15.67097	15.05446	15.67097	15.05446
382950	3739850	11.1018	10.77488	14.96915	14.5269	14.96915	14.5269	14.69726	14.26363	14.69726	14.26363	14.85005	14.41261	11.1018	10.77488	14.96915	14.5269	14.96915	14.5269
383450	3739850	10.6123	10.02924	14.31576	13.53403	14.31576	13.53403	14.05213	13.2846	14.05213	13.2846	14.19521	13.41801	10.6123	10.02924	14.31576	13.53403	14.31576	13.53403
383950	3739850	9.728634	9.330002	13.13716	12.60195	13.13716	12.60195	12.89113	12.36604	12.89113	12.36604	13.01666	12.4853	9.728634	9.330002	13.13716	12.60195	13.13716	12.60195
384450	3739850	9.329751	8.81578	12.60729	11.91773	12.60729	11.91773	12.36721	11.69125	12.36721	11.69125	12.48372	11.79959	9.329751	8.81578	12.60729	11.91773	12.60729	11.91773
384950	3739850	8.859481	8.540087	11.97939	11.54993	11.97939	11.54993	11.74982	11.32765	11.74982	11.32765	11.85742	11.43034	8.859481	8.540087	11.97939	11.54993	11.97939	11.54993
385450	3739850	8.537525	7.953486	11.55117	10.7689	11.55117	10.7689	11.32378	10.55654	11.32378	10.55654	11.42389	10.6468	8.537525	7.953486	11.55117	10.7689	11.55117	10.7689
385950	3739850	7.896221	7.486959	10.69449	10.14535	10.69449	10.14535	10.48055	9.940876	10.48055	9.940876	10.56853	10.02214	7.896221	7.486959	10.69449	10.14535	10.69449	10.14535
386450	3739850	7.566628	7.326076	10.25407	9.929177	10.25407	9.929177	10.04595	9.727291	10.04595	9.727291	10.12755	9.805859	7.566628	7.326076	10.25407	9.929177	10.25407	9.929177
386950	3739850	7.291088	6.920148	9.885812	9.386449	9.885812	9.386449	9.682626	9.192487	9.682626	9.192487	9.758972	9.263452	7.291088	6.920148	9.885812	9.386449	9.885812	9.386449
387450	3739850	6.956524	6.64716	9.439765	9.022519	9.439765	9.022519	9.242282	8.833426	9.242282	8.833426	9.311757	8.898819	6.956524	6.64716	9.439765	9.022519	9.439765	9.022519
387950	3739850	6.615076	6.360775	8.983249	8.640175	8.983249	8.640175	8.792564	8.458752	8.792564	8.458752	8.855663	8.51892	6.615076	6.360775	8.983249	8.640175	8.983249	8.640175
388450	3739850	6.336035	6.109189	8.609746	8.30285	8.609746	8.30285	8.424587	8.127156	8.424587	8.127156	8.482639	8.18308	6.336035	6.109189	8.609746	8.30285	8.609746	8.30285
388950	3739850	6.264456	6.042537	8.515522	8.215874	8.515522	8.215874	8.330447	8.038137	8.330447	8.038137	8.38641	8.091501	6.264456	6.042537	8.515522	8.215874	8.515522	8.215874
389450	3739850	6.086198	5.934397	8.277675	8.071349	8.277675	8.071349	8.09741	7.895434	8.09741	7.895434	8.150067	7.946703	6.086198	5.934397	8.277675	8.071349	8.277675	8.071349
380450	3740350	11.87241	11.47544	15.9949	15.46081	15.9949	15.46081	15.71852	15.19313	15.71852	15.19313	15.88912	15.3577	11.87241	11.47544	15.9949	15.46081	15.9949	15.46081
380950	3740350	11.90276	11.30268	16.03376	15.22939	16.03376	15.22939	15.75462	14.96302	15.75462	14.96302	15.92609	15.12416	11.90276	11.30268	16.03376	15.22939	16.03376	15.22939
381450	3740350	11.47005	10.97133	15.45418	14.78402	15.45418	14.78402	15.18301	14.52504	15.18301	14.52504	15.34674	14.68102	11.47005	10.97133	15.45418	14.78402	15.45418	14.78402
381950	3740350	11.44427	10.91986	15.42246	14.71821	15.42246	14.71821	15.14922	14.4569	15.14922	14.4569	15.3111	14.61021	11.44427	10.91986	15.42246	14.71821	15.42246	14.71821
382450	3740350	11.03443	10.52622	14.87615	14.19322	14.87615	14.19322	14.61008	13.93853	14.61008	13.93853	14.76343	14.08389	11.03443	10.52622	14.87615	14.19322	14.87615	14.19322
382950	3740350	10.56255	10.12813	14.2474	13.66247	14.2474	13.66247	13.98867	13.41558	13.98867	13.41558	14.13213	13.55296	10.56255	10.12813	14.2474	13.66247	14.2474	13.66247
383450	3740350	10.09484	9.504595	13.6223	12.83137	13.6223	12.83137	13.37237	12.59538	13.37237	12.59538	13.50691	12.71992	10.09484	9.504595	13.6223	12.83137	13.6223	12.83137
383950	3740350	9.403597	9.194403	12.70195	12.41892	12.70195	12.41892	12.46456	12.18784	12.46456	12.18784	12.58462	12.30555	9.403597	9.194403	12.70195	12.41892	12.70195	12.41892
384450	3740350	8.799142	8.325561	11.89439	11.26003	11.89439	11.26003	11.66908	11.0465	11.66908	11.0465	11.77764	11.14703	8.799142	8.325561	11.89439	11.26003	11.89439	11.26003
384950	3740350	8.439251	8.230013	11.41394	11.13201	11.41394	11.13201	11.19608	10.91917	11.19608	10.91917	11.29771	11.01782	8.439251	8.230013	11.41394	11.13201	11.41394	11.13201
385450	3740350	8.198273	7.862704	11.09511	10.64436	11.09511	10.64436	10.87783	10.43651	10.87783	10.43651	10.97304	10.52669	8.198273	7.862704	11.09511	10.64436	11.09511	10.64436
385950	3740350	7.849814	7.339646	10.62947	9.946715	10.62947	9.946715	10.41902	9.747613	10.41902	9.747613	10.50762	9.827127	7.849814	7.339646	10.62947	9.946715	10.62947	9.946715
386450	3740350	7.453248	7.069781	10.10132	9.586673	10.10132	9.586673	9.89789	9.392253	9.89789	9.392253	9.978201	9.466341	7.453248	7.069781	10.10132	9.586673	10.10132	9.586673
386950	3740350	7.172801	6.861555	9.725374	9.306666	9.725374	9.306666	9.52659	9.116482	9.52659	9.116482	9.601886	9.187294	7.172801	6.861555	9.725374	9.306666	9.725374	9.306666
387450	3740350	6.955829	6.552992	9.43583	8.893985	9.43583	8.893985	9.240104	8.710289	9.240104	8.710289	9.31095	8.775439	6.955829	6.552992	9.43583	8.893985	9.43583	8.893985
387950	3740350	6.640218	6.335018	9.014334	8.60363	9.014334	8.60363	8.824463	8.423275	8.824463	8.423275	8.889179	8.483808	6.640218	6.335018	9.014334	8.60363	9.014334	8.60363
388450	3740350	6.258862	6.08063	8.503231	8.262586	8.503231	8.262586	8.322384	8.08868	8.322384	8.08868	8.380666	8.145023	6.258862	6.08063	8.503231	8.262586	8.503231	8.262586
388950	3740350	6.167039	5.939925	8.382484	8.07646	8.382484	8.07646	8.200892	7.904402	8.200892	7.904402	8.256298	7.95724	6.167039	5.939925	8.382484	8.07646	8.382484	8.07646
389450	3740350	5.997524	5.802429	8.156171	7.892749	8.156171	7.892749	7.979326	7.722568	7.979326	7.722568	8.031669	7.772652	5.997524	5.802429	8.156171	7.892749	8.156171	7.892749
380450	3740850	11.1731	10.82329	15.05981	14.58858	15.05981	14.58858	14.79882	14.33647	14.79882	14.33647	14.95664	14.48936	11.1731	10.82329	15.05981	14.58858	15.05981	14.58858
380950	3740850	10.97712	10.47438	14.79496	14.1209	14.79496	14.1209	14.53775	13.87515	14.53775	13.87515	14.69288	14.02188	10.97712	10.47438	14.79496	14.1209	14.79496	14.1209
381450	3740850	11.00698	10.57816	14.83704	14.26046	14.83704	14.26046	14.57596	14.01026	14.57596	14.01026	14.73039	14.1583	11.00698	10.57816	14.83704	14.26046	14.83704	14.26046
381950	3740850	10.67556	10.16121	14.39436	13.70381	14.39436	13.70381	14.13993	13.46128	14.13993	13.46128	14.28805	13.60109	10.67556	10.16121	14.39436	13.70381	14.39436	13.70381
382450	3740850	10.42925	9.944524	14.06657	13.41526	14.06657	13.41526	13.81494	13.1752	13.81494	13.1752	13.95756	13.31026	10.42925	9.944524	14.06657	13.41526	14.06657	13.41526
382950	3740850	10.06869	9.593855	13.58679	12.94783	13.58679	12.94783	13.3403	12.71439	13.3403	12.71439	13.47503	12.84236	10.06869	9.593855	13.58679	12.94783	13.58679	12.94783

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
383450	3740850	9.60402	9.182789	12.96716	12.40017	12.96716	12.40017	12.72012	12.17287	12.71868	12.17287	12.85541	12.29213	9.60402	9.182789	12.96716	12.40017	12.96716	12.40017
383950	3740850	9.106799	8.76943	12.30307	11.84944	12.30307	11.84944	12.07408	11.62987	12.07408	11.62987	12.18974	11.74061	9.106799	8.76943	12.30307	11.84944	12.30307	11.84944
384450	3740850	8.529853	8.160827	11.53405	11.03891	11.53405	11.03891	11.31591	10.83038	11.31591	10.83038	11.41985	10.92844	8.529853	8.160827	11.53405	11.03891	11.53405	11.03891
384950	3740850	8.249722	7.892022	11.15937	10.67994	11.15937	10.67994	10.94722	10.47623	10.94722	10.47623	11.04607	10.56902	8.249722	7.892022	11.15937	10.67994	11.15937	10.67994
385450	3740850	8.031741	7.75564	10.86999	10.49902	10.86999	10.49902	10.65853	10.29538	10.65853	10.29538	10.75196	10.38469	8.031741	7.75564	10.86999	10.49902	10.86999	10.49902
385950	3740850	7.621579	7.358371	10.32157	9.968529	10.32157	9.968529	10.11857	9.771784	10.11857	9.771784	10.2044	9.85328	7.621579	7.358371	10.32157	9.968529	10.32157	9.968529
386450	3740850	7.222836	6.833316	9.788139	9.266294	9.788139	9.266294	9.592589	9.080118	9.592589	9.080118	9.671014	9.151914	7.222836	6.833316	9.788139	9.266294	9.788139	9.266294
386950	3740850	6.965464	6.679428	9.445649	9.06139	9.445649	9.06139	9.25385	8.877088	9.25385	8.877088	9.326644	8.945513	6.965464	6.679428	9.445649	9.06139	9.445649	9.06139
387450	3740850	6.843631	6.497739	9.283573	8.818065	9.283573	8.818065	9.092478	8.637668	9.092478	8.637668	9.162431	8.702923	6.843631	6.497739	9.283573	8.818065	9.283573	8.818065
387950	3740850	6.637063	6.252997	9.007727	8.491321	9.007727	8.491321	8.820041	8.315413	8.820041	8.315413	8.88592	8.37585	6.637063	6.252997	9.007727	8.491321	9.007727	8.491321
388450	3740850	6.249254	5.947288	8.486957	8.08212	8.486957	8.08212	8.308671	7.913325	8.308671	7.913325	8.368396	7.96838	6.249254	5.947288	8.486957	8.08212	8.486957	8.08212
388950	3740850	6.109107	5.897537	8.30209	8.017462	8.30209	8.017462	8.124204	7.848166	8.124204	7.848166	8.180005	7.901381	6.109107	5.897537	8.30209	8.017462	8.30209	8.017462
389450	3740850	5.915522	5.75158	8.043767	7.822903	8.043767	7.822903	7.870396	7.655228	7.870396	7.655228	7.922524	7.705299	5.915522	5.75158	8.043767	7.822903	8.043767	7.822903
380450	3741350	10.57388	10.25062	14.25906	13.82379	14.25906	13.82379	14.01183	13.58401	14.01183	13.58401	14.15863	13.72608	10.57388	10.25062	14.25906	13.82379	14.25906	13.82379
380950	3741350	10.04468	9.811957	13.54691	13.23346	13.54691	13.23346	13.31208	13.00405	13.31208	13.00405	13.45107	13.13955	10.04468	9.811957	13.54691	13.23346	13.54691	13.23346
381450	3741350	10.3843	10.0508	14.00421	13.55528	14.00421	13.55528	13.75849	13.31747	13.75849	13.31747	13.90189	13.45604	10.3843	10.0508	14.00421	13.55528	14.00421	13.55528
381950	3741350	10.09981	9.608897	13.6247	12.966	13.6247	12.966	13.38392	12.73645	13.38392	12.73645	13.52162	12.86608	10.09981	9.608897	13.6247	12.966	13.6247	12.966
382450	3741350	9.880423	9.45288	13.33222	12.75784	13.33222	12.75784	13.09398	12.5299	13.09398	12.5299	13.22698	12.65621	9.880423	9.45288	13.33222	12.75784	13.33222	12.75784
382950	3741350	9.585016	9.092003	12.93822	12.27597	12.93822	12.27597	12.70434	12.05568	12.70434	12.05568	12.83123	12.17511	9.585016	9.092003	12.93822	12.27597	12.93822	12.27597
383450	3741350	9.167705	8.876338	12.38222	11.98904	12.38222	11.98904	12.15632	11.77043	12.15632	11.77043	12.27466	11.8849	9.167705	8.876338	12.38222	11.98904	12.38222	11.98904
383950	3741350	8.752606	8.460139	11.82726	11.43397	11.82726	11.43397	11.60794	11.22299	11.60794	11.22299	11.71824	11.32907	8.752606	8.460139	11.82726	11.43397	11.82726	11.43397
384450	3741350	8.354958	8.016274	11.297	10.84325	11.297	10.84325	11.08465	10.63956	11.08465	10.63956	11.18688	10.73611	8.354958	8.016274	11.297	10.84325	11.297	10.84325
384950	3741350	7.958562	7.539584	10.76842	10.20798	10.76842	10.20798	10.56427	10.01367	10.56427	10.01367	10.65863	10.10055	7.958562	7.539584	10.76842	10.20798	10.76842	10.20798
385450	3741350	7.717838	7.489979	10.44714	10.14104	10.44714	10.14104	10.24507	9.945304	10.24507	9.945304	10.33428	10.0311	7.717838	7.489979	10.44714	10.14104	10.44714	10.14104
385950	3741350	7.276041	7.076729	9.854924	9.587202	9.854924	9.587202	9.662547	9.39975	9.662547	9.39975	9.744239	9.47833	7.276041	7.076729	9.854924	9.587202	9.854924	9.587202
386450	3741350	7.117188	6.782537	9.644114	9.195683	9.644114	9.195683	9.452877	9.012761	9.452877	9.012761	9.5307	9.084971	7.117188	6.782537	9.644114	9.195683	9.644114	9.195683
386950	3741350	6.789652	6.521568	9.207909	8.847784	9.207909	8.847784	9.021956	8.668902	9.021956	8.668902	9.092834	8.735676	6.789652	6.521568	9.207909	8.847784	9.207909	8.847784
387450	3741350	6.665353	6.358303	9.042905	8.630043	9.042905	8.630043	8.858309	8.454702	8.858309	8.454702	8.926268	8.518274	6.665353	6.358303	9.042905	8.630043	9.042905	8.630043
387950	3741350	6.525305	6.208293	8.856098	8.429192	8.856098	8.429192	8.673525	8.255881	8.673525	8.255881	8.738591	8.316617	6.525305	6.208293	8.856098	8.429192	8.856098	8.429192
388950	3741350	6.077107	5.752613	8.256574	7.821	8.256574	7.821	8.081882	7.658089	8.081882	7.658089	8.138509	7.710139	6.077107	5.752613	8.256574	7.821	8.256574	7.821
389450	3741350	5.861639	5.679718	7.969117	7.723744	7.969117	7.723744	7.798659	7.560398	7.798659	7.560398	7.851016	7.610726	5.861639	5.679718	7.969117	7.723744	7.969117	7.723744
380450	3741850	9.842665	9.501055	13.2792	12.8205	13.2792	12.8205	13.05004	12.59895	13.05004	12.59895	13.18457	12.72798	9.842665	9.501055	13.2792	12.8205	13.2792	12.8205
380950	3741850	9.906662	9.47271	13.36445	12.78256	13.36445	12.78256	13.13198	12.5606	13.13198	12.5606	13.26757	12.68897	9.906662	9.47271	13.36445	12.78256	13.36445	12.78256
381450	3741850	9.639732	9.29377	13.00648	12.5421	13.00648	12.5421	12.77924	12.32248	12.77924	12.32248	12.91018	12.44775	9.639732	9.29377	13.00648	12.5421	13.00648	12.5421
381950	3741850	9.576137	9.162243	12.92358	12.36813	12.92358	12.36813	12.69548	12.14943	12.69548	12.14943	12.82412	12.27129	9.576137	9.162243	12.92358	12.36813	12.92358	12.36813
382450	3741850	9.339979	8.950148	12.6085	12.0851	12.6085	12.0851	12.38384	11.86936	12.38384	11.86936	12.50763	11.98685	9.339979	8.950148	12.6085	12.0851	12.6085	12.0851
382950	3741850	9.143628	8.738541	12.34639	11.8023	12.34639	11.8023	12.12425	11.59038	12.12425	11.59038	12.244	11.70383	9.143628	8.738541	12.34639	11.8023	12.34639	11.8023
383450	3741850	8.730179	8.515468	11.7951	11.50488	11.7951	11.50488	11.58044	11.29528	11.58044	11.29528	11.6918	11.40391	8.730179	8.515468	11.7951	11.50488	11.7951	11.50488
383950	3741850	8.390007	8.059075	11.34001	10.89291	11.34001	10.89291	11.13065	10.69226	11.13065	10.69226	11.23552	10.79189	8.395797	8.059075	11.34001	10.89615	11.34001	10.89615
384450	3741850	8.042216	7.803455	10.87669	10.55592	10.87669	10.55592	10.6732	10.35859	10.6732	10.35859	10.77081	10.45253	8.042216	7.803455	10.87669	10.55592	10.87669	10.55592
384950	3741850	7.533318	7.331627	10.19671	9.925474	10.19671	9.925474	10.004	9.738045	10.004	9.738045	10.09207	9.823128	7.533318	7.331627	10.19671	9.925474	10.19671	9.925474
385450	3741850	7.470896	7.1963	10.11451	9.745922	10.11451	9.745922	9.919964	9.558418	9.919964	9.558418	10.00592	9.640008	7.470896	7.1963	10.11451	9.745922	10.11451	9.745922
385950	3741850	7.185797	6.97381	9.732777	9.447899	9.732777	9.447899	9.543878	9.264271	9.543878	9.264271	9.624707	9.341839	7.185797	6.97381	9.732777	9.447899	9.732777	9.447899
386450	3741850	6.968694	6.769863	9.444058	9.176413	9.444058	9.176413	9.257723	8.994991	9.257723	8.994991	9.333631	9.068007	6.968694	6.769863	9.444058	9.176413	9.444058	9.176413
386950	3741850	6.774643	6.350139	9.185334	8.616529	9.185334	8.616529	9.001207	8.443339	9.001207	8.443339	9.07298	8.508047	6.774643	6.350139	9.185334	8.616529	9.185334	8.616529
387450	3741850	6.43759	6.237615	8.736377	8.466338	8.736377	8.466338	8.559205	8.29514	8.559205	8.29514	8.624109	8.357604	6.43759	6.237615	8.736377	8.466338	8.736377	8.466338
387950	3741850	6.368915	6.083942	8.644699	8.260522	8.644699	8.260522	8.467683	8.091632	8.467683	8.091632	8.53106	8.151238	6.368915	6.083942	8.644699	8.260522	8.644699	8.260522
388950	3741850	6.053673	5.698119	8.222626	7.745543	8.222626	7.745543	8.050917	7.584824	8.050917	7.584824	8.108469	7.636994	6.053673	5.698119	8.222626	7.745543	8.222626	7.745543
389450	3741850	5.853672	5.535075	7.95556	7.52799	7.95556	7.52799	7.786615	7.370571	7.786615	7.370571	7.840138	7.419553	5.853672	5.535075	7.95556	7.52799	7.95556	7.52799
380450	3742350	9.444651	9.144328	12.74806	12.34425	12.74806	12.34425	12.52768	12.1309	12.52768	12.1309	12.65457	12.25322	9.444651	9.144328	12.74806	12.34425	12.74806	12.34425
380950	3742350	9.385941	8.89886	12.66673	12.01423	12.66673	12.01423	12.44651	11.80597	12.44651	11.80597	12.57318	11.9244	9.385941	8.89886	12.66673	12.01423	12.66673	12.01423
381450	3742350	9.289386	8.948022	12.53858	12.07999	12.53858	12.07999	12.31926	11.86869	12.31926	11.86869	12.44364	11.98769	9.289386	8.948022	12.53858	12.07999	12.53858	12.07999
381950	3742350	9.106563	8.753836	12.29487	11.82087	12.29487	11.82087	12.07798	11.61177	12.07798	11.61177	12.19847	11.72668	9.106563	8.753836	12.29487	11.82087	12.29487	11.82087
382450	3742350	8.865085	8.513157	11.97272	11.49927	11.97272	11.49927	11.75944	11.29475	11.75944	11.29475	11.87497	11.40508	8.865085	8.513157	11.97272	11.49927	11.97272	11.49927
382950	3742350	8.72591	8.316821	11.78687	11.2373	11.78687	11.2373	11.57522	11.03544	11.57522	11.03544	11.68788	11.14169	8.72591	8.316821	11.78687	11.2373	11.78687	11.2373
383450	3742350	8.383144	8.140457	11.32947	11.00162	11.32947	11.00162	11.12397	10.8017	11.12397	10.8017	11.22982	10.90438	8.383144	8.140457	11.32947	11.00162	11.32947	11.00162
383950	3742350	8.146338	7.767225	11.01397	10.50458	11.01397	10.50458	10.8115	10.31119	10.8115	10.31119	10.91226	10.40605	8.146338	7.767225	11.01397	10.50458	11.01397	10.50458
384450	3742350	7.815281	7.534084	10.57113	10.1935	10.57113	10.1935	10.37441	10.00339	10.37441	10.00339	10.46891	10.09343	7.815281	7.534084	10.57113	10.1935	10.57113	10.1935
384950	3742350	7.400231	7.066375	10.01676	9.569566	10.01676	9.569566	9.828393	9.389345	9.828393	9.389345	9.914985	9.470248	7.400231	7.066375	10.01676	9.569566	10.01676	9.569566
385450	3742350	7.21674	6.888565	9.771802	9.332016	9.771802	9.332016	9.584761	9.153108	9.584761	9.153108	9.667421	9.230266	7.21674	6.888565	9.771802	9.332016	9.771802	9.332016
385950	3742350	6.947834	6.782398	9.412469	9.189557	9.412469	9.189557	9.230689	9.012176	9.230689	9.012176	9.308227	9.087441	6.947834	6.782398	9.412469	9.189557	9.412469	9.189557
386450	3742350	6.806099	6.629346	9.225061	8.986977	9.225061	8.986977	9.043991	8.810075	9.043991	8.810075	9.117791	8.881327	6.806099	6.629346	9.225061	8.986977	9.225061	8.986977
386950	3742350	6.622683	6.37371	8.97996	8.645194	8.97996	8.645194	8.801306	8.473236	8.801306	8.473236	8.871436	8.539698	6.622683	6.37371	8.97996	8.645194	8.97996	8.645194
387450	3742350	6.391945	6.061901	8.672582	8.229772	8.672582	8.229772	8.498035	8.063869	8.498035	8.063869	8.563377	8.12396	6.391945	6.061901	8.672582	8.229772	8.672582	8.229772
387950	3742350	6.188001	5.968142	8.401294	8.104309	8.401294	8.104309	8.229595	7.940199	8.229595	7.940199	8.29042	7.998552	6.188001	5.968142	8.401294	8.104309	8.401294	8.104309
388950	3742350	5.976304	5.704493	8.117631	7.751531	8.117631	7.751531	7.949406	7.591836	7.949406	7.591836	8.006387	7.645226	5.976304	5.704493	8.117631	7.751531	8.117631	7.751531
389450	3742350	5.821698	5.490406	7.910326	7.466109	7.910326	7.466109	7.744487	7.311055	7.744487	7.311055	7.798702	7.36021	5.821698	5.490406	7.910326	7.466109	7.910326	7.466109
380200	3731100	12.169	11.85955	16.48599	16.06098	16.48599	16.06098	16.22029	15.80054	16.22029	15.80054	16.36453	15.94297	12.169	11.85955	16.48599	16.06098	16.48599	16.06098
380700	3731100	15.00624	14.74396	20.26639	19.9048	20.26639	19.9048	19.92635	19.56876	19.92635	19.56876	20.12544	19.76674	15.00624	14.74396	20.26639	19.9048	20.26639	19.9048
380200	3731600	14.19387	13.7263	19.18164	18.54688	19.18164	18.54688	18.86561	18.23966	18.86561	18.23966	19.05016	18.41906	14.19387	13.7263	19.18164	18.54688	19.18164	18.54688
380700	3731600	16.8915	16.25433	22.77339	21.91308	22.77339	21.91308	22.38761	21.53991	22.38761	21.53991	22.62541	21.76897	16.8915	16.25433	22.77339	21.91308	22.77339	21.91308
381200	3731600	18.86121	18.21666	25.37955	24.51138	25.37955	24.51138	24.94083	24.08634	24.94083	24.08634	25.22337	24.35924	18.86121	18.21666	25.37955	24.51138	25.37955	24.51138
381700	3731600	21.70771	21.22399	29.16669	28.51385	29.16669	28.51385	28.65448	28.01388	28.65448	28.01388	28.99414	28.34715	21.70771	21.22399	29.16669	28.51385	29.16669	28.51385
383700	3731600	18.43256	18.20101	24.83509	24.51812	24.83509	24.51812	24.27538	23.96654	24.27538	23.96654	24.51858	24.20867	18.43256	18.20101	24.83509	24.51812	24.83509	24.51812
384200	3731600	17.25165	16.62738	23.26906	22.42666	23.26906	22.42666	22.71006	21.88892	22.71006	21.88892	22.92276	22.09436	17.25165	16.62738	23.26906	22.42666	23.26906	22.42666
380200	3732100	14.99918	14.65736	20.24883	19.78196	20.24883	19.78196	19.91179	19.45104	19.91179	19.45104	20.11415	19.65056	14.99918	14.65736	20.24883	19.78196	20.24883	19.78196
380700	3732100	17.80068	17.14852	23.97756	23.10044	23.97756	23.10044	23.56797	22.70441	23.56797	22.70441	23.82611	22.95231	17.80068	17.14852	23.97756	23.10044	23.97756	23.10044
381200	3732100	20.06849	19.45328	26.98395	26.15724	26.98395	26.15724	26.51412	25.70184	26.51412	25.70184	26.82153	25.99957	20.06849	19.45328	26.98395	26.15724	26.98395	26.15724
381700	3732100	22.54349	22.1034	30.27566	29.68194	30.27566	29.68194	29.74023	29.15665	29.74023	29.15665	30.09751	29.50795	22.54349	22.1034	30.27566	29.68194	30.27566	29.68194
382700	3732100	22.17561	21.8238	29.79943	29.3228	29.79943	29.3228	29.2294	28.7619	29.2294	28.7619	29.56743	29.09768	22.17561	21.8238	29.79943	29.3228	29.79943	29.3228
383700	3732100	16.33858	15.98027	22.03546	21.54812	22.03546	21.54812	21.53961	21.06519	21.53961	21.06519	21.74726	21.27016	16.33858	15.98027	22.03546	21.54812	22.03546	21.54812
380200	3732600	16.28134	15.758	21.95206	21.24748	21.95206	21.24748	21.57999	20.88763	21.57999	20.88763	21.80873	21.10869	16.28134	15.758	21.95206	21.24748	21.95206	21.24748
380700	3732600	18.36547	17.85868	24.72316	24.04242	24.72316	24.04242	24.29631	23.62781	24.29631	23.62781	24.5676	23.891	18.36547	17.85868	24.72316	24.04242	24.72316	24.04242
381200	3732600	20.94178	20.24156	28.14377	27.20488	28.14377	27.20488	27.65069	26.72747	27.65069	26.72747	27.97632	27.04122	20.94178	20.24156	28.14377	27.20488	28.14377	27.20488
381700	3732600	24.27082	22.62938	32.57481	30.38179	32.57481	30.38179	31.99945	29.8422	31.99945	29.8422	32.39148	30.20396	24.27082	22.79908	32.57481	30.38179	32.57481	30.38179
383700	3732600	14.57702	14.25028	19.67931	19.22278	19.67931	19.22278	19.23926	18.79359	19.23926	18.79359	19.41769	18.97045	14.57702	14.25028	19.67931	19.22278	19.67931	19.22278
384200	3732600	13.67022	13.14242	18.47214	17.74213	18.47214	17.74213	18.04447	17.33236	18.04447	17.33236	18.20324	17.48599	13.67022	13.14242	18.47214	17.74213	18.47214	17.74213

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
384700	3732600	13.02483	12.35158	17.61004	16.69937	17.61004	16.69937	17.20105	16.31023	17.20105	16.31023	17.34836	16.44987	13.02483	12.35158	17.61004	16.69937	17.61004	16.69937
385200	3732600	12.37451	11.8602	16.74045	16.042	16.74045	16.042	16.35135	15.66688	16.35135	15.66688	16.48768	15.79818	12.37451	11.8602	16.74045	16.042	16.74045	16.042
380200	3733100	16.70459	16.21081	22.51019	21.84441	22.51019	21.84441	22.12693	21.47242	22.12693	21.47242	22.36603	21.7041	16.70459	16.21081	22.51019	21.84441	22.51019	21.84441
380700	3733100	19.04049	18.09232	25.61856	24.34946	25.61856	24.34946	25.17471	23.92669	25.17471	23.92669	25.46051	24.19562	19.04049	18.09232	25.61856	24.34946	25.61856	24.34946
381200	3733100	22.43259	21.74871	30.13273	29.15452	30.13273	29.15452	29.60469	28.64425	29.60469	28.64425	29.95892	28.98628	22.43259	21.74871	30.13273	29.15452	30.13273	29.15452
381700	3733100	26.0399	24.58336	34.92746	32.97793	34.92746	32.97793	34.30822	32.39158	34.30822	32.39158	34.73695	32.79443	26.0399	24.58336	34.92746	32.97793	34.92746	32.97793
382200	3733100	22.94609	21.38282	30.804	28.71154	30.804	28.71154	30.24106	28.18396	30.24106	28.18396	30.60646	28.52165	22.94776	21.3856	30.804	28.71154	30.804	28.71154
382700	3733100	17.73334	16.6022	23.86593	22.34801	23.86593	22.34801	23.40199	21.90954	23.40199	21.90954	23.6578	22.14677	17.73334	16.6022	23.86593	22.34801	23.86593	22.34801
383200	3733100	14.71169	14.01462	19.84597	18.9046	19.84597	18.9046	19.43142	18.50762	19.43142	18.50762	19.62177	18.68898	14.71169	14.01462	19.84597	18.9046	19.84597	18.9046
384700	3733100	11.93403	11.51507	16.14641	15.57642	16.14641	15.57642	15.77591	15.21966	15.77591	15.21966	15.90748	15.34788	11.93403	11.51507	16.14641	15.57642	16.14641	15.57642
385200	3733100	11.56486	11.13893	15.65249	15.07419	15.65249	15.07419	15.29259	14.72417	15.29259	14.72417	15.4179	14.845	11.56486	11.13893	15.65249	15.07419	15.65249	15.07419
380200	3733600	16.96115	16.46817	22.8467	22.18097	22.8467	22.18097	22.45573	21.80107	22.45573	21.80107	22.70151	22.04036	16.96115	16.46817	22.8467	22.18097	22.8467	22.18097
380700	3733600	19.86544	19.28478	26.57209	25.81221	26.57209	25.81221	26.11159	25.36548	26.11159	25.36548	26.414	25.65956	19.86544	19.28478	26.57209	25.81221	26.57209	25.81221
381200	3733600	23.62056	23.02416	31.71192	30.90885	31.71192	30.90885	31.15431	30.36705	31.15431	30.36705	31.53296	30.73735	23.62056	23.02416	31.71192	30.90885	31.71192	30.90885
381700	3733600	27.59913	26.7409	36.99322	35.83871	36.99322	35.83871	36.34241	35.2062	36.34241	35.2062	36.8071	35.65759	27.59913	26.7409	36.99322	35.83871	36.99322	35.83871
382200	3733600	21.64288	20.99272	29.06208	28.18541	29.06208	28.18541	28.52923	27.66791	28.52923	27.66791	28.87086	28.00034	21.64288	20.99272	29.06208	28.18541	29.06208	28.18541
382700	3733600	16.67139	15.77955	22.44362	21.24532	22.44362	21.24532	22.00838	20.82943	22.00838	20.82943	22.24652	21.05323	16.67139	15.77955	22.44362	21.24532	22.44362	21.24532
383200	3733600	14.02091	13.42064	18.91684	18.10603	18.91684	18.10603	18.52655	17.73017	18.52655	17.73017	18.70778	17.90362	14.02091	13.42064	18.91684	18.10603	18.91684	18.10603
383700	3733600	12.76121	12.15468	17.23988	16.42063	17.23988	16.42063	16.86995	16.06528	16.86995	16.06528	17.02421	16.2117	12.76121	12.15468	17.23988	16.42063	17.23988	16.42063
384200	3733600	11.67403	11.30192	15.79137	15.28434	15.79137	15.28434	15.44069	14.94428	15.44069	14.94428	15.57245	15.07311	11.67403	11.30192	15.79137	15.28434	15.79137	15.28434
384700	3733600	11.0318	10.72002	14.934	14.50881	14.934	14.50881	14.59568	14.17996	14.59568	14.17996	14.71493	14.29697	11.0318	10.72002	14.934	14.50881	14.934	14.50881
388700	3733600	8.991735	8.59127	12.19837	11.65325	12.19837	11.65325	11.91216	11.37951	11.91216	11.37951	11.99813	11.46228	8.991735	8.59127	12.19837	11.65325	12.19837	11.65325
389200	3733600	8.693859	8.361741	11.79893	11.34621	11.79893	11.34621	11.52292	11.07953	11.52292	11.07953	11.60446	11.15848	8.693859	8.361741	11.79893	11.34621	11.79893	11.34621
380200	3734100	17.59618	16.99177	23.68617	22.87062	23.68617	22.87062	23.28108	22.47951	23.28108	22.47951	23.54202	22.7322	17.59618	16.99177	23.68617	22.87062	23.68617	22.87062
380700	3734100	20.95039	20.0946	28.15129	27.00274	28.15129	27.00274	27.66116	26.53367	27.66114	26.53367	27.98892	26.84761	20.95039	20.0946	28.15129	27.00274	28.15129	27.00274
381200	3734100	25.96232	25.30996	34.81908	33.94361	34.81908	33.94361	34.20952	33.34963	34.20952	33.34963	34.63974	33.7693	25.96232	25.30996	34.81908	33.94361	34.81908	33.94361
383200	3734100	13.76996	13.17745	18.58192	17.77866	18.58192	17.77866	18.20041	17.42029	18.20041	17.42029	18.37733	17.58085	13.76996	13.17745	18.58192	17.77866	18.58192	17.77866
383700	3734100	12.38149	11.83575	16.72836	15.99473	16.72836	15.99473	16.37429	15.65478	16.37429	15.65478	16.52419	15.79651	12.38149	11.83575	16.72836	15.99473	16.72836	15.99473
385700	3734100	10.08529	9.563136	13.66462	12.96083	13.66462	12.96083	13.35284	12.66172	13.35284	12.66172	13.45709	12.75867	10.08529	9.563136	13.66462	12.96083	13.66462	12.96083
388200	3734100	9.188594	8.770698	12.46811	11.90017	12.46811	11.90017	12.17213	11.61886	12.17213	11.61886	12.25845	11.70177	9.188594	8.770698	12.46811	11.90017	12.46811	11.90017
389700	3734100	8.325828	7.902872	11.30744	10.73249	11.30744	10.73249	11.04345	10.4833	11.04345	10.4833	11.11866	10.55511	8.325828	7.902872	11.30744	10.73249	11.30744	10.73249
380200	3734600	18.26128	17.76491	24.5662	23.89492	24.5662	23.89492	24.14373	23.48463	24.14373	23.48463	24.41982	23.75459	18.26128	17.76491	24.5662	23.89492	24.5662	23.89492
380700	3734600	22.09131	21.66653	29.66471	29.09009	29.66471	29.09009	29.1501	28.58542	29.1501	28.58542	29.50333	28.93332	22.09131	21.66653	29.66471	29.09009	29.66471	29.09009
381200	3734600	27.66249	26.98413	37.07996	36.16442	37.07996	36.16442	36.43544	35.53667	36.43544	35.53667	36.90178	35.99202	27.66249	26.98413	37.07996	36.16442	37.07996	36.16442
381700	3734600	29.03769	28.35757	38.88598	37.98663	38.88598	37.98663	38.21868	37.3236	38.21868	37.3236	38.71628	37.8102	29.03769	28.35757	38.89933	37.98714	38.89933	37.98714
382700	3734600	15.26586	14.54669	20.56251	19.59931	20.56251	19.59931	20.16637	19.22004	20.16637	19.22004	20.38076	19.42206	15.26586	14.54669	20.56251	19.59931	20.56251	19.59931
383200	3734600	12.8891	12.52112	17.3939	16.89652	17.3939	16.89652	17.04354	16.5575	17.04354	16.5575	17.21005	16.71971	12.8891	12.52112	17.3939	16.89652	17.3939	16.89652
383700	3734600	11.94406	11.47952	16.14231	15.51644	16.14231	15.51644	15.80463	15.19379	15.80463	15.19379	15.94808	15.33126	11.94406	11.47952	16.14231	15.51644	16.14231	15.51644
384700	3734600	10.25986	10.02757	13.89069	13.57321	13.89069	13.57321	13.58847	13.27675	13.58847	13.27675	13.70075	13.38741	10.25986	10.02757	13.89069	13.57321	13.89069	13.57321
387700	3734600	8.83711	8.541579	11.99716	11.6155	11.99716	11.6155	11.71444	11.34181	11.71444	11.34181	11.79557	11.42205	8.83711	8.541579	11.99716	11.6155	11.99716	11.6155
388700	3734600	8.521393	7.996442	11.56967	10.85816	11.56967	10.85816	11.2952	10.60638	11.2952	10.60638	11.37272	10.67961	8.521393	7.996442	11.56967	10.85816	11.56967	10.85816
389200	3734600	8.120797	7.795934	11.03039	10.58869	11.03039	10.58869	10.77322	10.34145	10.77322	10.34145	10.84612	10.41154	8.120797	7.795934	11.03039	10.58869	11.03039	10.58869
389700	3734600	7.913076	7.679162	10.75275	10.43138	10.75275	10.43138	10.50206	10.18824	10.50206	10.18824	10.57143	10.25686	7.913076	7.679162	10.75275	10.43138	10.75275	10.43138
380200	3735100	19.40487	18.27191	26.08348	24.56489	26.08348	24.56489	25.63446	24.14141	25.63446	24.14141	25.93552	24.42322	19.40487	18.27191	26.08348	24.56489	26.08348	24.56489
380700	3735100	22.87807	21.99905	30.70317	29.52452	30.70317	29.52452	30.17121	29.0138	30.17121	29.0138	30.54374	29.37167	22.87807	21.99905	30.70317	29.52452	30.70317	29.52452
381200	3735100	26.56631	25.75426	35.6104	34.523	35.6104	34.523	34.99079	33.92228	34.99079	33.92228	35.4386	34.356	26.56631	25.75426	35.6104	34.523	35.6104	34.523
381700	3735100	27.69002	26.72665	37.0975	35.80824	37.0975	35.80824	36.45766	35.18285	36.45766	35.18285	36.93088	35.63916	27.69564	26.72678	37.10425	35.80843	37.10313	35.80843
383200	3735100	12.91342	12.3267	17.42473	16.61518	17.42473	16.61518	17.0804	16.30645	17.0804	16.30645	17.24791	16.46503	12.91342	12.3267	17.42679	16.63819	17.42679	16.63819
383700	3735100	11.79559	11.26372	15.93586	15.21896	15.93586	15.21896	15.61026	14.90707	15.61026	14.90707	15.75532	15.0462	11.79559	11.26372	15.93586	15.21896	15.93586	15.21896
384700	3735100	9.952143	9.674366	13.4744	13.09603	13.4744	13.09603	13.18654	12.81426	13.18654	12.81426	13.29619	12.92136	9.952143	9.674366	13.4744	13.09603	13.4744	13.09603
387700	3735100	8.464234	8.093981	11.49423	10.99188	11.49423	10.99188	11.22549	10.73483	11.22549	10.73483	11.30233	10.80813	8.464234	8.093981	11.49423	10.99188	11.49423	10.99188
388700	3735100	8.106938	7.8427	11.01706	10.65592	11.01706	10.65592	10.75853	10.40645	10.75853	10.40645	10.83045	10.47742	8.106938	7.8427	11.01706	10.65592	11.01706	10.65592
389200	3735100	7.811006	7.492935	10.61326	10.1798	10.61326	10.1798	10.36549	9.945198	10.36549	9.945198	10.43419	10.01207	7.811006	7.492935	10.61326	10.1798	10.61326	10.1798
389700	3735100	7.559995	7.271527	10.27602	9.882056	10.27602	9.882056	10.03748	9.652723	10.03748	9.652723	10.10279	9.71624	7.559995	7.271527	10.27602	9.882056	10.27602	9.882056
380200	3735600	19.17682	18.67039	25.76352	25.08257	25.76352	25.08257	25.3209	24.65095	25.3209	24.65095	25.62357	24.9458	19.17682	18.67039	25.76352	25.08257	25.76352	25.08257
380700	3735600	21.38238	20.95226	28.69358	28.11459	28.69358	28.11459	28.19774	27.62861	28.19774	27.62861	28.54695	27.97136	21.38238	20.95226	28.69358	28.11459	28.69358	28.11459
381200	3735600	24.00495	23.52751	32.18622	30.84783	32.18622	30.84783	31.62816	30.30424	31.62816	30.29851	32.02972	30.69544	24.00495	23.52751	32.18622	30.84783	32.18622	30.84783
381700	3735600	25.78566	24.8484	34.55692	33.30005	34.55692	33.30005	33.95362	32.71752	33.95362	32.71752	34.39046	33.13869	25.78566	24.8484	34.55692	33.30005	34.55692	33.30005
382700	3735600	19.15267	17.38225	25.72308	23.35751	25.72308	23.35751	25.25349	22.86383	25.25349	22.86038	25.55419	23.19473	19.15267	17.38225	25.72308	23.35751	25.72308	23.35751
383200	3735600	13.89371	13.03601	18.71992	17.56999	18.71992	17.56999	18.36076	17.23061	18.34856	17.23061	18.55403	17.40946	13.89371	13.03601	18.71992	17.56999	18.71992	17.56999
383700	3735600	12.02454	11.1599	16.23095	15.07177	16.23095	15.07177	15.9075	14.76952	15.9075	14.76952	16.06202	14.90962	12.02454	11.1599	16.23095	15.07177	16.23095	15.07177
384200	3735600	10.70343	10.40433	14.47237	14.0494	14.47237	14.0494	14.19496	13.83824	14.19496	13.83824	14.32232	13.96333	10.71797	10.45136	14.49174	14.12844	14.47237	14.12844
384700	3735600	10.06564	9.735839	13.62359	13.17603	13.62359	13.17603	13.338	12.89779	13.338	12.89779	13.45144	13.00761	10.06564	9.735839	13.62359	13.17603	13.62359	13.17603
385200	3735600	9.557356	9.165143	12.94594	12.41431	12.94594	12.41431	12.6667	12.14661	12.6667	12.14661	12.76932	12.24517	9.557356	9.165143	12.94594	12.41431	12.94594	12.41431
385700	3735600	9.043032	8.744985	12.25875	11.8547	12.25875	11.8547	11.9891	11.59329	11.9891	11.59329	12.08185	11.6829	9.043032	8.744985	12.25875	11.8547	12.25875	11.8547
386700	3735600	8.637876	8.270006	11.72338	11.22387	11.72338	11.22387	11.45658	10.96916	11.45658	10.96916	11.53861	11.0479	8.637876	8.270006	11.72338	11.22387	11.72338	11.22387
388200	3735600	7.835817	7.528432	10.64669	10.22702	10.64669	10.22702	10.39953	9.989458	10.39953	9.989458	10.46879	10.05672	7.835817	7.528432	10.64669	10.22702	10.64669	10.22702
388700	3735600	7.801962	7.551145	10.60559	10.25916	10.60559	10.25916	10.35803	10.02	10.35803	10.02	10.42496	10.08686	7.801962	7.551145	10.60559	10.25916	10.60559	10.25916
389200	3735600	7.651638	7.261272	10.42063	9.872533	10.42063	9.872533	10.17651	9.64567	10.17651	9.64567	10.24279	9.709624	7.651638	7.261272	10.42063	9.872533	10.42063	9.872533
380200	3736100	18.53146	17.78112	24.89676	23.88868	24.89676	23.88868	24.46996	23.47733	24.46996	23.47733	24.76246	23.75778	18.53146	17.78112	24.89676	23.88868	24.89676	23.88868
380700	3736100	20.74971	20.37799	27.85067	27.34669	27.85067	27.34669	27.36885	26.87404	27.36885	26.87404	27.70529	27.20649	20.74971	20.37799	27.85067	27.34669	27.85067	27.34669
381200	3736100	22.08624	21.29958	29.62817	28.57274	29.62817	28.57274	29.11249	28.06315	29.11249	27.95725	29.47628	28.42568	22.08624	21.29958	29.62817	28.57274	29.62817	28.57274
381700	3736100	23.48785	22.58517	31.49278	30.28146	31.49278	30.28146	30.9416	29.75011	30.9416	29.75011	31.33366	30.12725	23.48785	22.58517	31.49278	30.28146	31.49278	30.28146
382200	3736100	22.63002	21.8537	30.34898	29.30651	30.34898	29.30651	29.81126	28.78716	29.81126	28.78716	30.18565	29.14913	22.63002	21.8537	30.34898	29.30651	30.34898	29.30651
382700	3736100	18.82071	17.33436	25.27569	23.28866	25.27569	23.28866	24.81729	22.8638	24.81729	22.8638	25.11391	23.13328	18.82071	17.33436	25.27569	23.28866	25.27569	23.28866
383700	3736100	12.34271	11.66987	16.64921	15.74548	16.64921	15.74548	16.32393	15.43815	16.32393	15.43815	16.4876	15.59157	12.34271	11.66987	16.64921	15.74548	16.64921	15.74548
384200	3736100	10.85483	10.12183	14.66748	13.68396	14.66748	13.68396	14.37292	13.40647	14.37292	13.40647	14.50629	13.52783	10.85483	10.12183	14.66748	13.68396	14.66748	13.68396
384700	3736100	9.958838	9.599146	13.47397	12.98732	13.47397	12.98732	13.19692	12.80178	13.19692	12.80178	13.31189	12.91355	9.958838	9.663006	13.47397	13.07236	13.47397	13.07236
385200	3736100	9.407422	9.020548	12.74003	12.21579	12.74003	12.21579	12.46994	11.95657	12.46994	11.95657	12.57275	12.05524	9.407422	9.020548	12.74003	12.21579	12.74003	12.21579
385700	3736100	8.798797	8.510432	11.92599	11.53442	11.92599	11.53442	11.66865	11.28365	11.66865	11.28365	11.76033	11.37229	8.798797	8.510432	11.92599	11.53442	11.92599	11.53442
386200	3736100	8.424782	8.213038	11.42675	11.13875	11.42675	11.13875	11.1741	10.89214	11.1741	10.89214	11.25805	10.97423	8.424782	8.213038	11.42675	11.13875	11.42675	11.13875
386700	3736100	8.439412	8.062878	11.45188	10.94217	11.45188	10.94217	11.1939	10.69704	11.1939	10.69704	11.27528	10.77455	8.439412	8.062878	11.45188	10.94217	11.45188	10.94217
387700	3736100	7.844809	7.597488	10.6567	10.32036	10.6567	10.32036	10.41138	10.08297	10.41138	10.08297	10.48185	10.1514	7.844809	7.597488	10.6567	10.32036	10.6567	10.32036
388200	3736100	7.671677	7.403269	10.42652	10.06085	10.42652	10.06085	10.18462	9.829377	10.18462	9.829377	10.25139	9.894444	7.671677	7.403269	10.42652	10.06085	10.42652	10.06085
388700	3736100	7.45385	7.105897	10.13234	9.659388	10.13234	9.659388	9.897475	9.437476	9.897475	9.437476	9.961698	9.498997	7.45385	7.105897	10.13234	9.659388	10.13234	9.659388
389700	3736100	6.930801	6.635651	9.424274	9.022966	9.424274	9.022966	9.208049	8.81897	9.208049	8.81897	9.26703	8.875915	6.930801	6.635651	9.424274	9.022966	9.424274	9.022966
380200	3736600	18.0599	17.60297	24.26756	23.64969	24.26756	23.64969	23.84992	23.24193	23.84992	23.24193	24.13316	23.51922	18.0599	17.60297	24.26756	23.64969	24.26756	23.64969

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
380700	3736600	19.37197	18.91477	26.00716	25.29249	26.00716	25.29249	25.55869	24.85465	25.55869	24.85465	25.86449	25.15509	19.37197	18.91477	26.00716	25.29249	26.00716	25.29249
381200	3736600	21.1954	20.52115	28.44832	27.53947	28.44832	27.53947	27.95229	27.05797	27.95229	27.05797	28.29571	27.39165	21.1954	20.52115	28.44832	27.53947	28.44832	27.53947
381700	3736600	21.38541	20.41103	28.68783	27.38259	28.68783	27.38259	28.18536	26.90187	28.18536	26.90187	28.53713	27.23678	21.38541	20.41103	28.68783	27.38259	28.68783	27.38259
382200	3736600	20.36052	19.63501	27.32293	26.34995	27.32293	26.34995	26.83801	25.88113	26.83801	25.88113	27.16819	26.19918	20.36052	19.63501	27.32293	26.34995	27.32293	26.34995
382700	3736600	17.76213	16.30674	23.86138	21.91626	23.86138	21.91626	23.42904	21.51839	23.42904	21.51839	23.7063	21.76911	17.76213	16.30674	23.86138	21.91626	23.86138	21.91626
384200	3736600	10.9605	10.32042	14.80003	13.94146	14.80003	13.94146	14.50823	13.66554	14.50823	13.66554	14.64754	13.79444	10.9605	10.32042	14.80003	13.94146	14.80003	13.94146
384700	3736600	9.819356	9.224407	13.28095	12.48208	13.28095	12.48208	13.01215	12.22748	13.01215	12.22748	13.12779	12.33364	9.819356	9.224407	13.28095	12.48208	13.28095	12.48208
385200	3736600	9.098156	8.762737	12.32028	11.86651	12.32028	11.86651	12.06301	11.61856	12.06301	11.61856	12.16341	11.71507	9.098156	8.762737	12.32028	11.86651	12.32028	11.86651
385700	3736600	8.599321	8.389351	11.65477	11.36859	11.65477	11.36859	11.40695	11.12592	11.40695	11.12592	11.49745	11.21465	8.599321	8.389351	11.65477	11.36859	11.65477	11.36859
386200	3736600	8.223511	7.968186	11.15297	10.80759	11.15297	10.80759	10.91016	10.57279	10.91016	10.57279	10.993	10.6528	8.223511	7.968186	11.15297	10.80759	11.15297	10.80759
386700	3736600	7.952424	7.71167	10.79165	10.46618	10.79165	10.46618	10.55213	10.23509	10.55213	10.23509	10.62915	10.30953	7.952424	7.71167	10.79165	10.46618	10.79165	10.46618
387200	3736600	7.807511	7.580458	10.60112	10.29291	10.60112	10.29291	10.36374	10.0632	10.36374	10.0632	10.43677	10.13421	7.807511	7.580458	10.60112	10.29291	10.60112	10.29291
387700	3736600	7.666329	7.443281	10.41462	10.11149	10.41462	10.11149	10.17719	9.881381	10.17719	9.881381	10.24631	9.948587	7.666329	7.443281	10.41462	10.11149	10.41462	10.11149
388200	3736600	7.542338	7.303633	10.24983	9.92589	10.24983	9.92589	10.01507	9.698766	10.01507	9.698766	10.08155	9.762998	7.542338	7.303633	10.24983	9.92589	10.24983	9.92589
388700	3736600	7.299723	7.063149	9.924493	9.602643	9.924493	9.602643	9.696459	9.383054	9.696459	9.383054	9.75906	9.443877	7.299723	7.063149	9.924493	9.602643	9.924493	9.602643
389200	3736600	7.064279	6.816975	9.607509	9.269767	9.607509	9.269767	9.386745	9.057336	9.386745	9.057336	9.446151	9.115289	7.064279	6.816975	9.607509	9.269767	9.607509	9.269767
389700	3736600	6.936063	6.567937	9.434606	8.934136	9.434606	8.934136	9.216216	8.732142	9.216216	8.732142	9.273755	8.787301	6.936063	6.567937	9.434606	8.934136	9.434606	8.934136
380200	3737100	17.50724	16.94015	23.52915	22.76363	23.52915	22.76363	23.12465	22.37235	23.12465	22.37235	23.39769	22.63781	17.50724	16.94015	23.52915	22.76363	23.52915	22.76363
380700	3737100	18.35537	17.63286	24.66506	23.68966	24.66506	23.68966	24.2387	23.10902	24.2387	23.10902	24.52618	23.55568	18.35537	17.63286	24.66506	23.68966	24.66506	23.68966
381200	3737100	19.60374	19.20502	26.32232	25.78123	26.32232	25.78123	25.86241	25.33011	25.86241	25.33011	26.17607	25.63937	19.60374	19.20502	26.32232	25.78123	26.32232	25.78123
381700	3737100	18.76121	18.14718	25.18478	24.36039	25.18478	24.36039	24.7442	23.93332	24.7442	23.93332	25.04647	24.22563	18.76121	18.14718	25.18478	24.36039	25.18478	24.36039
382200	3737100	18.51678	17.55273	24.86255	23.57149	24.86255	23.57149	24.42142	23.15162	24.42142	23.15162	24.71661	23.42992	18.52085	17.55364	24.86255	23.57149	24.86255	23.57149
382700	3737100	16.35928	15.54193	21.98788	20.8934	21.98788	20.8934	21.5912	20.51461	21.5912	20.51461	21.84276	20.75183	16.35928	15.54193	21.98788	20.8934	21.98788	20.8934
383200	3737100	14.14092	13.23795	19.03381	17.82531	19.03381	17.82531	18.6816	17.49458	18.6816	17.49458	18.88748	17.68456	14.14092	13.23795	19.03381	17.82531	19.03381	17.82531
383700	3737100	12.60385	11.57347	16.98643	15.60869	16.98643	15.60869	16.66507	15.31197	16.66507	15.31197	16.83944	15.46794	12.60385	11.57347	16.98643	15.60869	16.98643	15.60869
384200	3737100	11.14758	10.6389	15.04365	14.3617	15.04365	14.3617	14.75179	14.08328	14.75179	14.08328	14.89761	14.22076	11.14758	10.6389	15.04365	14.3617	15.04365	14.3617
384700	3737100	9.887682	9.426382	13.36551	12.74613	13.36551	12.74613	13.0996	12.49151	13.0996	12.49151	13.21967	12.60427	9.887682	9.426382	13.36551	12.74613	13.36551	12.74613
385200	3737100	9.002903	8.585594	12.18776	11.62637	12.18776	11.62637	11.93709	11.38634	11.93709	11.38634	12.03837	11.48149	9.002903	8.585594	12.18776	11.62637	12.18776	11.62637
387700	3737100	7.560529	7.312508	10.26915	9.932422	10.26915	9.932422	10.03706	9.708998	10.03706	9.708998	10.10619	9.775969	7.560529	7.312508	10.26915	9.932422	10.26915	9.932422
388200	3737100	7.129039	6.910901	9.688319	9.392047	9.688319	9.392047	9.468755	9.180473	9.468755	9.180473	9.531902	9.241846	7.129039	6.910901	9.688319	9.392047	9.688319	9.392047
388700	3737100	7.11697	6.861978	9.675382	9.329349	9.675382	9.329349	9.453635	9.118175	9.453635	9.118175	9.515001	9.177541	7.11697	6.861978	9.675382	9.329349	9.675382	9.329349
389200	3737100	6.99496	6.737396	9.514117	9.163244	9.514117	9.163244	9.294984	8.955441	9.294984	8.955441	9.353425	9.012446	6.99496	6.737396	9.514117	9.163244	9.514117	9.163244
389700	3737100	6.850128	6.604386	9.320377	8.983824	9.320377	8.983824	9.106422	8.77793	9.106422	8.77793	9.162555	8.832894	6.850128	6.604386	9.320377	8.983824	9.320377	8.983824
380200	3737600	16.4178	16.08404	22.07349	21.62036	22.07349	21.62036	21.69433	21.24791	21.69433	21.24791	21.94723	21.4972	16.4178	16.08404	22.07349	21.62036	22.07349	21.62036
380700	3737600	17.0731	16.38192	22.95227	22.01842	22.95227	22.01842	22.55545	21.63588	22.55545	21.63588	22.81892	21.8902	17.0731	16.38192	22.95227	22.01842	22.95227	22.01842
381200	3737600	18.03114	17.26313	24.21681	23.18718	24.21681	23.18718	23.79435	22.78195	23.79435	22.78195	24.08067	23.05531	18.03114	17.26313	24.21681	23.18718	24.21681	23.18718
381700	3737600	17.64457	16.97981	23.69892	22.80655	23.69892	22.80655	23.28168	22.40499	23.28168	22.40499	23.56076	22.67334	17.64457	16.97981	23.69892	22.80655	23.69892	22.80655
382200	3737600	16.88853	15.81273	22.69053	21.25143	22.69053	21.25143	22.28794	20.87253	22.28794	20.87253	22.55198	21.11722	16.88853	15.81273	22.69053	21.25143	22.69053	21.25143
382700	3737600	15.19494	14.31021	20.43337	19.24962	20.43337	19.24962	20.06441	18.90106	20.06441	18.90106	20.29414	19.11503	15.19494	14.31021	20.43337	19.24962	20.43337	19.24962
383200	3737600	13.37297	12.56677	18.00614	16.92754	18.00614	16.92754	17.67398	16.61433	17.67398	16.61433	17.86664	16.7926	13.37297	12.56677	18.00614	16.92754	18.00614	16.92754
383700	3737600	12.17121	11.44408	16.40508	15.43166	16.40508	15.43166	16.0963	15.1405	16.0963	15.1405	16.26431	15.29599	12.17121	11.44408	16.40508	15.43166	16.40508	15.43166
384200	3737600	10.86906	10.02681	14.66921	13.54275	14.66921	13.54275	14.38635	13.28056	14.38635	13.28056	14.52824	13.40749	10.86906	10.02681	14.66921	13.54275	14.66921	13.54275
384700	3737600	9.944737	9.438391	13.43574	12.75628	13.43574	12.75628	13.1722	12.50488	13.1722	12.50488	13.29612	12.62058	9.944737	9.438391	13.43574	12.75628	13.43574	12.75628
385200	3737600	9.089382	8.692133	12.29719	11.76233	12.29719	11.76233	12.04869	11.52357	12.04869	11.52357	12.15446	11.62361	9.089382	8.692133	12.29719	11.76233	12.29719	11.76233
385700	3737600	8.284546	8.090516	11.22511	10.96063	11.22511	10.96063	10.99207	10.73179	10.99207	10.73179	11.08128	10.8193	8.284546	8.090516	11.22511	10.96063	11.22511	10.96063
386200	3737600	7.989288	7.714791	10.83173	10.4595	10.83173	10.4595	10.60182	10.23713	10.60182	10.23713	10.68458	10.31702	7.989288	7.714791	10.83173	10.4595	10.83173	10.4595
386700	3737600	7.671044	7.372461	10.40674	10.00301	10.40674	10.00301	10.18153	9.787457	10.18153	9.787457	10.2579	9.86051	7.671044	7.372461	10.40674	10.00301	10.40674	10.00301
387200	3737600	7.44054	7.18984	10.09947	9.759904	10.09947	9.759904	9.877754	9.547099	9.877754	9.547099	9.949315	9.616211	7.44054	7.18984	10.09947	9.759904	10.09947	9.759904
387700	3737600	7.255779	7.0146	9.854706	9.526475	9.854706	9.526475	9.63576	9.316946	9.63576	9.316946	9.702901	9.382428	7.255779	7.0146	9.854706	9.526475	9.854706	9.526475
388200	3737600	7.151048	6.98603	9.7179	9.492099	9.7179	9.492099	9.499652	9.279028	9.499652	9.279028	9.563428	9.341919	7.151048	6.98603	9.7179	9.492099	9.7179	9.492099
388700	3737600	6.923545	6.736088	9.412766	9.157334	9.412766	9.157334	9.199876	8.951254	9.199876	8.951254	9.259888	9.010025	6.923545	6.736088	9.412766	9.157334	9.412766	9.157334
389200	3737600	6.868998	6.60965	9.342659	8.990925	9.342659	8.990925	9.130142	8.788475	9.130142	8.788475	9.187988	8.84409	6.868998	6.60965	9.342659	8.990925	9.342659	8.990925
389700	3737600	6.717161	6.488078	9.1402	8.827056	9.1402	8.827056	8.931994	8.627249	8.931994	8.627249	8.987034	8.681134	6.717161	6.488078	9.1402	8.827056	9.1402	8.827056
380200	3738100	15.42725	14.93093	20.74849	20.07955	20.74849	20.07955	20.39157	19.65259	20.39157	19.65259	20.62671	19.96121	15.42725	14.93093	20.74849	20.07955	20.74849	20.07955
380700	3738100	16.13558	15.52091	21.69533	20.8676	21.69533	20.8676	21.3182	20.50409	21.3182	20.50409	21.56572	20.74247	16.13558	15.52091	21.69533	20.8676	21.69533	20.8676
381200	3738100	16.35964	15.58542	21.98539	20.94781	21.98539	20.94781	21.60164	20.58107	21.60164	20.58107	21.85647	20.82252	16.35964	15.58542	21.98539	20.94781	21.98539	20.94781
381700	3738100	16.30558	15.71486	21.91342	21.12012	21.91342	21.12012	21.52732	20.74656	21.52732	20.74656	21.78039	20.99007	16.30558	15.71486	21.91342	21.12012	21.91342	21.12012
382200	3738100	15.6119	14.57772	20.98788	19.60384	20.98788	19.60384	20.61373	19.25448	20.61373	19.25448	20.85297	19.47544	15.6119	14.57772	20.98788	19.60384	20.98788	19.60384
382700	3738100	14.0875	13.56748	18.95464	18.2569	18.95464	18.2569	18.61283	17.92657	18.61283	17.92657	18.822	18.12721	14.0875	13.56748	18.95464	18.2569	18.95464	18.2569
383200	3738100	12.78099	12.20754	17.21335	16.44515	17.21335	16.44515	16.89671	16.14224	16.89671	16.14224	17.07938	16.31509	12.78099	12.20754	17.21335	16.44515	17.21335	16.44515
383700	3738100	11.48698	11.07255	15.48944	14.93278	15.48944	14.93278	15.19873	14.65242	15.19873	14.65242	15.355	14.80224	11.48698	11.07255	15.48944	14.93278	15.48944	14.93278
384200	3738100	10.68083	10.11439	14.41546	13.6563	14.41546	13.6563	14.1397	13.39468	14.1397	13.39468	14.2794	13.52491	10.68083	10.11439	14.41546	13.6563	14.41546	13.6563
384700	3738100	9.701103	9.112712	13.10888	12.32055	13.10888	12.32055	12.85332	12.07902	12.85332	12.07902	12.97361	12.1893	9.701103	9.112712	13.10888	12.32055	13.10888	12.32055
385200	3738100	9.083663	8.616653	12.28494	11.65772	12.28494	11.65772	12.04002	11.42412	12.04002	11.42412	12.14794	11.52469	9.083663	8.616653	12.28494	11.65772	12.28494	11.65772
385700	3738100	8.606295	8.245249	11.65346	11.16757	11.65346	11.16757	11.41558	10.9379	11.41558	10.9379	11.51171	11.02862	8.606295	8.245249	11.65346	11.16757	11.65346	11.16757
386200	3738100	7.823206	7.573322	10.60648	10.26727	10.60648	10.26727	10.38446	10.05174	10.38446	10.05174	10.46603	10.13076	7.823206	7.573322	10.60648	10.26727	10.60648	10.26727
386700	3738100	7.58635	7.353084	10.29221	9.97575	10.29221	9.97575	10.07224	9.763248	10.07224	9.763248	10.14807	9.83686	7.58635	7.353084	10.29221	9.97575	10.29221	9.97575
387200	3738100	7.450921	7.133041	10.1123	9.68382	10.1123	9.68382	9.892037	9.474742	9.892037	9.474742	9.964452	9.543264	7.450921	7.133041	10.1123	9.68382	10.1123	9.68382
387700	3738100	7.112439	6.895194	9.66046	9.366096	9.66046	9.366096	9.448242	9.162114	9.448242	9.162114	9.51429	9.226161	7.112439	6.895194	9.66046	9.366096	9.66046	9.366096
388200	3738100	6.969333	6.743603	9.469207	9.16276	9.469207	9.16276	9.258515	8.960162	9.258515	8.960162	9.321651	9.021353	6.969333	6.743603	9.469207	9.16276	9.469207	9.16276
388700	3738100	6.858865	6.677353	9.321421	9.06608	9.321421	9.06608	9.112473	8.864324	9.112473	8.864324	9.172412	8.923055	6.858865	6.677353	9.321421	9.06608	9.321421	9.06608
389200	3738100	6.780744	6.544898	9.221932	8.901612	9.221932	8.901612	9.013172	8.702833	9.013172	8.702833	9.070691	8.758643	6.780744	6.544898	9.221932	8.901612	9.221932	8.901612
389700	3738100	6.647474	6.36994	9.044357	8.667919	9.044357	8.667919	8.838774	8.47397	8.838774	8.47397	8.89367	8.526633	6.647474	6.36994	9.044357	8.667919	9.044357	8.667919
380200	3738600	14.2651	13.82416	19.19197	18.59836	19.19197	18.59836	18.86183	18.27813	18.86183	18.27813	19.07689	18.48656	14.2651	13.82416	19.19197	18.59836	19.19197	18.59836
380700	3738600	14.62061	14.08854	19.66356	18.94979	19.66356	18.94979	19.32249	18.62076	19.32249	18.62076	19.54492	18.8344	14.62061	14.08854	19.66356	18.94979	19.66356	18.94979
381200	3738600	14.87115	14.29928	19.99709	19.2297	19.99709	19.2297	19.64775	18.89368	19.64775	18.89368	19.87487	19.1114	14.87115	14.29928	19.99709	19.2297	19.99709	19.2297
381700	3738600	14.9148	14.41129	20.05705	19.38035	20.05705	19.38035	19.70322	19.03769	19.70322	19.03769	19.92992	19.25644	14.9148	14.41129	20.05705	19.38035	20.05705	19.38035
382200	3738600	14.48097	13.5487	19.47903	18.23046	19.47903	18.23046	19.13166	17.90527	19.13166	17.90527	19.34919	18.10675	14.48097	13.5487	19.47903	18.23046	19.47903	18.23046
382700	3738600	13.38784	12.76295	18.01404	17.18274	18.01404	17.18274	17.68923	16.87189	17.68923	16.87189	17.88515	17.05744	13.38893	12.76295	18.01535	17.18291	18.01404	17.18291
383200	3738600	12.2505	11.64347	16.50503	15.69139	16.50503	15.69139	16.20143	15.40385	16.20143	15.40385	16.37423	15.56671	12.2505	11.64347	16.50503	15.69139	16.50503	15.69139
383700	3738600	11.00861	10.41576	14.84918	14.05534	14.84918	14.05534	14.57162	13.79209	14.57162	13.79209	14.71987	13.93011	11.00861	10.41576	14.84918	14.05534	14.84918	14.05534
384200	3738600	10.3732	9.879	14.00238	13.34005	14.00238	13.34005	13.73637	13.08594	13.73637	13.08594	13.87154	13.21279	10.3732	9.879	14.00238	13.34005	14.00238	13.34005
384700	3738600	9.674739	8.99048	13.07118	12.15585	13.07118	12.15585	12.81869	11.9197	12.81869	11.9197	12.93978	12.02864	9.674739	8.99048	13.07118	12.15585	13.07118	12.15585
385200	3738600	8.891232	8.57961	12.02672	11.60733	12.02672	11.60733	11.78835	11.37735	11.78835	11.37735	11.89346	11.47801	8.891232	8.57961	12.02672	11.60733	12.02672	11.60733
385700	3738600	8.476257	8.043102	11.47387	10.89219	11.47387	10.89219	11.24316	10.67118	11.24316	10.67118	11.3397	10.76076	8.476257	8.043102	11.47387	10.89219	11.47387	10.89219
386200	3738600	7.957845	7.634683	10.78327	10.34732	10.78327	10.34732	10.56148	10.13338	10.56148	10.13338	10.6472	10.21472	7.957845	7.634683	10.78327	10.34732	10.78327	10.34732
386700	3738600	7.499096	7.264675	10.17255	9.854246	10.17255	9.854246	9.958348	9.645999	9.958348	9.645999	10.03428	9.719576	7.499096	7.264675	10.17255	9.854246	10.17255	9.854246

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
387200	3738600	7.156184	6.891436	9.713414	9.35543	9.713414	9.35543	9.505355	9.155487	9.505355	9.155487	9.575041	9.222161	7.156184	6.891436	9.713414	9.35543	9.713414	9.35543
387700	3738600	6.963385	6.743819	9.456109	9.158684	9.456109	9.158684	9.251152	8.960903	9.251152	8.960903	9.316951	9.024464	6.963385	6.743819	9.456109	9.158684	9.456109	9.158684
388200	3738600	6.873531	6.5765	9.338353	8.936319	9.338353	8.936319	9.132286	8.741236	9.132286	8.741236	9.195069	8.801102	6.873531	6.5765	9.338353	8.936319	9.338353	8.936319
388700	3738600	6.60124	6.434308	8.974302	8.745863	8.974302	8.745863	8.775508	8.552841	8.775508	8.552841	8.833512	8.610043	6.60124	6.434308	8.974302	8.745863	8.974302	8.745863
389200	3738600	6.647209	6.420413	9.021727	8.726338	9.021727	8.726338	8.819593	8.53246	8.819593	8.53246	8.876452	8.587951	6.647209	6.420413	9.021727	8.726338	9.021727	8.726338
389700	3738600	6.515485	6.286705	8.864523	8.552723	8.864523	8.552723	8.665095	8.362824	8.665095	8.362824	8.719336	8.415759	6.515485	6.286705	8.864523	8.552723	8.864523	8.552723
380200	3739100	13.18482	12.83812	17.74497	17.27878	17.74497	17.27878	17.44014	16.98151	17.44014	16.98151	17.63651	17.17261	13.18482	12.83812	17.74497	17.27878	17.74497	17.27878
380700	3739100	13.92304	13.44462	18.73462	18.09087	18.73462	18.09087	18.40906	17.77658	18.40906	17.77658	18.61743	17.97782	13.92304	13.44462	18.73462	18.09087	18.73462	18.09087
381200	3739100	14.07201	13.30176	18.93139	17.8996	18.93139	17.8996	18.59962	17.58556	18.59962	17.58556	18.81096	17.78379	14.07201	13.30176	18.93139	17.8996	18.93139	17.8996
381700	3739100	13.66849	13.09967	18.39146	17.62844	18.39146	17.62844	18.06791	17.31722	18.06791	17.31722	18.2719	17.51173	13.66849	13.09967	18.39146	17.62844	18.39146	17.62844
382200	3739100	13.388	12.55839	18.0196	16.90853	18.0196	16.90853	17.69882	16.60577	17.69882	16.60577	17.89614	16.78845	13.388	12.55839	18.0196	16.90853	18.0196	16.90853
382700	3739100	12.64128	12.12552	17.02529	16.33171	17.02529	16.33171	16.71853	16.03662	16.71853	16.03662	16.90022	16.21043	12.64128	12.12552	17.02529	16.33171	17.02529	16.33171
383200	3739100	11.84072	11.20322	15.95702	15.10284	15.95702	15.10284	15.66406	14.82649	15.66406	14.82649	15.82965	14.98156	11.84072	11.20322	15.95702	15.10284	15.95702	15.10284
383700	3739100	10.63675	10.27027	14.35213	13.85963	14.35213	13.85963	14.08458	13.60167	14.08458	13.60167	14.2262	13.73776	10.63675	10.27027	14.35213	13.85963	14.35213	13.85963
384200	3739100	9.970418	9.626585	13.46396	13.00161	13.46396	13.00161	13.20902	12.75519	13.20902	12.75519	13.33713	12.87811	9.970418	9.626585	13.46396	13.00161	13.46396	13.00161
384700	3739100	9.385244	9.042626	12.68357	12.22268	12.68357	12.22268	12.43957	11.98744	12.43957	11.98744	12.55591	12.09871	9.385244	9.042626	12.68357	12.22268	12.68357	12.22268
385200	3739100	8.886379	8.229043	12.0193	11.13876	12.0193	11.13876	11.78297	10.91852	11.78297	10.91852	11.88865	11.01302	8.886379	8.229043	12.0193	11.13876	12.0193	11.13876
385700	3739100	8.184633	7.881518	11.08111	10.6724	11.08111	10.6724	10.85978	10.45792	10.85978	10.45792	10.9525	10.54638	8.184633	7.881518	11.08111	10.6724	11.08111	10.6724
386200	3739100	7.948827	7.538972	10.768	10.21676	10.768	10.21676	10.54922	10.0075	10.54922	10.0075	10.63641	10.08845	7.948827	7.538972	10.768	10.21676	10.768	10.21676
386700	3739100	7.538567	7.201578	10.22136	9.765902	10.22136	9.765902	10.00906	9.562438	10.00906	9.562438	10.08764	9.636858	7.538567	7.201578	10.22136	9.765902	10.22136	9.765902
387200	3739100	7.098143	6.840647	9.633131	9.283994	9.633131	9.283994	9.429128	9.088136	9.429128	9.088136	9.499185	9.155648	7.098143	6.840647	9.633131	9.283994	9.633131	9.283994
387700	3739100	6.80482	6.581734	9.241463	8.939089	9.241463	8.939089	9.042733	8.748527	9.042733	8.748527	9.107034	8.810765	6.80482	6.581734	9.241463	8.939089	9.241463	8.939089
388200	3739100	6.667422	6.370104	9.058046	8.656457	9.058046	8.656457	8.861131	8.470733	8.861131	8.470733	8.922612	8.529017	6.667422	6.370104	9.058046	8.656457	9.058046	8.656457
388700	3739100	6.556816	6.339778	8.9118	8.617108	8.9118	8.617108	8.716274	8.428114	8.716274	8.428114	8.774968	8.484758	6.556816	6.339778	8.9118	8.617108	8.9118	8.617108
389200	3739100	6.360499	6.175729	8.649881	8.398181	8.649881	8.398181	8.459136	8.212516	8.459136	8.212516	8.514097	8.265958	6.360499	6.175729	8.649881	8.398181	8.649881	8.398181
389700	3739100	6.357723	6.129273	8.639569	8.334251	8.639569	8.334251	8.446815	8.150569	8.446815	8.150569	8.500137	8.202287	6.357723	6.129273	8.639569	8.334251	8.639569	8.334251
380200	3739600	12.71235	12.36457	17.11567	16.64641	17.11567	16.64641	16.8212	16.35992	16.8212	16.35992	17.00806	16.54156	12.71235	12.36457	17.11567	16.64641	17.11567	16.64641
380700	3739600	12.6354	12.33589	17.01078	16.60665	17.01078	16.60665	16.7167	16.3193	16.7167	16.3193	16.90271	16.50121	12.6354	12.33589	17.01078	16.60665	17.01078	16.60665
381200	3739600	12.71412	12.12592	17.11538	16.32608	17.11538	16.32608	16.81672	16.04028	16.81672	16.04028	17.00399	16.2178	12.71412	12.12592	17.11538	16.32608	17.11538	16.32608
381700	3739600	12.8299	12.23367	17.27264	16.47223	17.27264	16.47223	16.96753	16.18222	16.96753	16.18222	17.15548	16.36057	12.8299	12.23367	17.27264	16.47223	17.27264	16.47223
382200	3739600	12.36221	11.75482	16.64897	15.83382	16.64897	15.83382	16.3526	15.5512	16.3526	15.5512	16.53107	15.71972	12.36221	11.75482	16.64897	15.83382	16.64897	15.83382
382700	3739600	11.89244	11.31603	16.02409	15.24979	16.02409	15.24979	15.73522	14.97465	15.73522	14.97465	15.90341	15.13382	11.89244	11.31603	16.02409	15.24979	16.02409	15.24979
383200	3739600	11.20838	10.50259	15.11229	14.16629	15.11229	14.16629	14.83517	13.90796	14.83517	13.90796	14.9892	14.05049	11.20838	10.50259	15.11229	14.16629	15.11229	14.16629
383700	3739600	10.35011	10.0578	13.96805	13.57362	13.96805	13.57362	13.70847	13.32151	13.70847	13.32151	13.84545	13.4546	10.35011	10.0578	13.96805	13.57362	13.96805	13.57362
384200	3739600	9.627933	9.108721	13.00561	12.30913	13.00561	12.30913	12.75988	12.07587	12.75988	12.07587	12.88213	12.18961	9.627933	9.108721	13.00561	12.30913	13.00561	12.30913
384700	3739600	9.195637	8.776326	12.42871	11.86577	12.42871	11.86577	12.1909	11.63834	12.1909	11.63834	12.30458	11.74537	9.195637	8.776326	12.42871	11.86577	12.42871	11.86577
385200	3739600	8.786724	8.253277	11.88408	11.1692	11.88408	11.1692	11.6522	10.95057	11.6522	10.95057	11.75714	11.04658	8.786724	8.253277	11.88408	11.1692	11.88408	11.1692
385700	3739600	8.032077	7.630405	10.87441	10.33504	10.87441	10.33504	10.65898	10.12879	10.65898	10.12879	10.75031	10.21368	8.032077	7.630405	10.87441	10.33504	10.87441	10.33504
386200	3739600	7.736838	7.520133	10.48185	10.18832	10.48185	10.18832	10.27015	9.982006	10.27015	9.982006	10.35484	10.06422	7.736838	7.520133	10.48185	10.18832	10.48185	10.18832
386700	3739600	7.490651	7.112296	10.15338	9.643999	10.15338	9.643999	9.945214	9.445107	9.945214	9.445107	10.02484	9.519235	7.490651	7.112296	10.15338	9.643999	10.15338	9.643999
387200	3739600	7.146731	6.781129	9.695215	9.201757	9.695215	9.201757	9.492238	9.009894	9.492238	9.009894	9.564578	9.077722	7.146731	6.781129	9.695215	9.201757	9.695215	9.201757
387700	3739600	6.812625	6.555793	9.249173	8.901957	9.249173	8.901957	9.05209	8.713858	9.05209	8.713858	9.117823	8.776827	6.812625	6.555793	9.249173	8.901957	9.249173	8.901957
388200	3739600	6.499871	6.30315	8.831034	8.564644	8.831034	8.564644	8.64083	8.382177	8.64083	8.382177	8.700841	8.440352	6.499871	6.30315	8.831034	8.564644	8.831034	8.564644
388700	3739600	6.415148	6.145938	8.718242	8.354842	8.718242	8.354842	8.528077	8.174793	8.528077	8.174793	8.586056	8.229787	6.415148	6.145938	8.718242	8.354842	8.718242	8.354842
389200	3739600	6.270054	6.063703	8.525578	8.245634	8.525578	8.245634	8.338887	8.0661	8.338887	8.0661	8.393774	8.119096	6.270054	6.063703	8.525578	8.245634	8.525578	8.245634
389700	3739600	6.122534	5.889335	8.328186	8.012217	8.328186	8.012217	8.144634	7.83785	8.144634	7.83785	8.196845	7.887967	6.122534	5.889335	8.328186	8.012217	8.328186	8.012217
380200	3740100	12.20323	11.76132	16.43748	15.84012	16.43748	15.84012	16.15357	15.56679	16.15357	15.56679	16.33016	15.73634	12.22266	11.76132	16.43748	15.84012	16.43748	15.84012
380700	3740100	11.94347	11.57203	16.08694	15.5869	16.08694	15.5869	15.80789	15.31723	15.80789	15.31723	15.9808	15.4847	11.94347	11.57203	16.08694	15.5869	16.08694	15.5869
381200	3740100	11.96378	11.40401	16.11361	15.36252	16.11361	15.36252	15.83217	15.0937	15.83217	15.0937	16.00533	15.25756	11.96378	11.40401	16.11361	15.36252	16.11361	15.36252
381700	3740100	11.99221	11.4786	16.15392	15.46339	16.15392	15.46339	15.86841	15.19078	15.86841	15.19078	16.04064	15.35529	11.99221	11.4786	16.15392	15.46339	16.15392	15.46339
382200	3740100	11.56951	11.07348	15.59026	14.92365	15.59026	14.92365	15.3132	14.65755	15.3132	14.65755	15.47699	14.8135	11.56951	11.07348	15.59026	14.92365	15.59026	14.92365
382700	3740100	11.13862	10.68579	15.0161	14.40674	15.0161	14.40674	14.74562	14.1468	14.74562	14.1468	14.90038	14.29474	11.13862	10.68579	15.0161	14.40674	15.0161	14.40674
383200	3740100	10.57789	10.15217	14.26905	13.69529	14.26905	13.69529	13.99839	13.44552	13.99839	13.44552	14.15209	13.58395	10.57789	10.15217	14.26905	13.69529	14.26905	13.69529
383700	3740100	9.925292	9.570133	13.39794	12.92069	13.39794	12.92069	13.15038	12.68139	13.15038	12.68139	13.28077	12.80622	9.925292	9.570133	13.39794	12.92069	13.39794	12.92069
384200	3740100	9.215605	8.769601	12.45234	11.85402	12.45234	11.85402	12.21766	11.63039	12.21766	11.63039	12.3334	11.7389	9.215605	8.769601	12.45234	11.85402	12.45234	11.85402
384700	3740100	8.880088	8.586179	12.00646	11.61066	12.00646	11.61066	11.77732	11.38927	11.77732	11.38927	11.88563	11.49344	8.880088	8.586179	12.00646	11.61066	12.00646	11.61066
385200	3740100	8.554454	8.18942	11.57215	11.08169	11.57215	11.08169	11.34757	10.86639	11.34757	10.86639	11.44912	10.96231	8.554454	8.18942	11.57215	11.08169	11.57215	11.08169
385700	3740100	7.978606	7.513919	10.79973	10.17739	10.79973	10.17739	10.588	9.97635	10.588	9.97635	10.67992	10.06022	7.978606	7.513919	10.79973	10.17739	10.79973	10.17739
386200	3740100	7.565279	7.251288	10.25001	9.828116	10.25001	9.828116	10.04431	9.62964	10.04431	9.62964	10.1271	9.707493	7.565279	7.251288	10.25001	9.828116	10.25001	9.828116
386700	3740100	7.386015	7.110776	10.01183	9.640926	10.01183	9.640926	9.807454	9.443979	9.807454	9.443979	9.886022	9.518772	7.386015	7.110776	10.01183	9.640926	10.01183	9.640926
387200	3740100	7.119784	6.736923	9.65589	9.140623	9.65589	9.140623	9.456333	8.951516	9.456333	8.951516	9.529843	9.019574	7.119784	6.736923	9.65589	9.140623	9.65589	9.140623
387700	3740100	6.803913	6.47107	9.23453	8.786362	9.23453	8.786362	9.040368	8.602736	9.040368	8.602736	9.10747	8.665421	6.803913	6.47107	9.23453	8.786362	9.23453	8.786362
388200	3740100	6.508281	6.295432	8.839605	8.552704	8.839605	8.552704	8.651263	8.371679	8.651263	8.371679	8.712725	8.430517	6.508281	6.295432	8.839605	8.552704	8.839605	8.552704
388700	3740100	6.278423	6.071679	8.532616	8.253443	8.532616	8.253443	8.347951	8.077348	8.347951	8.077348	8.40487	8.132123	6.278423	6.071679	8.532616	8.253443	8.532616	8.253443
389200	3740100	6.131933	5.932391	8.337159	8.067612	8.337159	8.067612	8.156172	7.893235	8.156172	7.893235	8.210324	7.945086	6.131933	5.932391	8.337159	8.067612	8.337159	8.067612
389700	3740100	5.983779	5.790983	8.139447	7.878697	8.139447	7.878697	7.962276	7.707498	7.962276	7.707498	8.013667	7.756724	5.983779	5.790983	8.139447	7.878697	8.139447	7.878697
380200	3740600	11.53015	11.01892	15.53809	14.73719	15.53809	14.73719	15.27014	14.48282	15.27014	14.48282	15.43438	14.63696	11.53015	11.01892	15.53809	14.73719	15.53809	14.73719
380700	3740600	11.08539	10.71474	14.93914	14.44107	14.93914	14.44107	14.68052	14.19069	14.68052	14.19069	14.83813	14.3424	11.08539	10.71474	14.93914	14.44107	14.93914	14.44107
381200	3740600	11.43837	10.73916	15.41286	14.47668	15.41286	14.47668	15.1437	14.22271	15.1437	14.22271	15.30669	14.37334	11.43837	10.73916	15.41286	14.47668	15.41286	14.47668
381700	3740600	11.05936	10.70567	14.90596	14.4297	14.90596	14.4297	14.64392	14.17542	14.64392	14.17542	14.7997	14.32604	11.05936	10.70567	14.90596	14.4297	14.90596	14.4297
382200	3740600	10.87144	10.48151	14.65743	14.13251	14.65743	14.13251	14.39703	13.88109	14.39703	13.88109	14.54807	14.02638	10.87144	10.48151	14.65743	14.13251	14.65743	14.13251
382700	3740600	10.56051	10.17513	14.24318	13.72426	14.24318	13.72426	13.98732	13.47673	13.98732	13.47673	14.1317	13.61545	10.56051	10.17513	14.24318	13.72426	14.24318	13.72426
383200	3740600	10.04842	9.669564	13.56087	13.05005	13.56087	13.05005	13.31419	12.81319	13.31419	12.81319	13.44802	12.94188	10.04842	9.669564	13.56087	13.05005	13.56087	13.05005
383700	3740600	9.556822	9.175414	12.90429	12.3921	12.90429	12.3921	12.66644	12.16286	12.66644	12.16286	12.79071	12.28099	9.556822	9.175414	12.90429	12.3921	12.90429	12.3921
384200	3740600	8.991578	8.618644	12.15079	11.65026	12.15079	11.65026	11.92261	11.43201	11.92261	11.43201	12.03523	11.53879	8.991578	8.618644	12.15079	11.65026	12.15079	11.65026
384700	3740600	8.495718	8.0589	11.48768	10.90266	11.48768	10.90266	11.2698	10.69576	11.2698	10.69576	11.3733	10.79185	8.495718	8.0589	11.48768	10.90266	11.48768	10.90266
385200	3740600	8.261332	7.916818	11.17694	10.71482	11.17694	10.71482	10.96128	10.50787	10.96128	10.50787	11.05905	10.60006	8.261332	7.916818	11.17694	10.71482	11.17694	10.71482
385700	3740600	7.848156	7.55984	10.62502	10.23802	10.62502	10.23802	10.41693	10.03737	10.41693	10.03737	10.5067	10.12259	7.848156	7.55984	10.62502	10.23802	10.62502	10.23802
386200	3740600	7.671542	7.106426	10.39281	9.636794	10.39281	9.636794	10.18519	9.44241	10.18519	9.44241	10.26974	9.516896	7.671542	7.106426	10.39281	9.636794	10.39281	9.636794
386700	3740600	7.187466	6.887182	9.743962	9.340478	9.743962	9.340478	9.546138	9.150908	9.546138	9.150908	9.622298	9.222558	7.187466	6.887182	9.743962	9.340478	9.743962	9.340478
387200	3740600	6.972979	6.662152	9.457021	9.038976	9.457021	9.038976	9.263733	8.853754	9.263733	8.853754	9.335964	8.921423	6.972979	6.662152	9.457021	9.038976	9.457021	9.038976
387700	3740600	6.776888	6.418205	9.195609	8.713043	9.195609	8.713043	9.004967	8.532135	9.004967	8.532135	9.073064	8.595075	6.776888	6.418205	9.195609	8.713043	9.195609	8.713043
388200	3740600	6.462305	6.155894	8.775163	8.363169	8.775163	8.363169	8.591071	8.189007	8.591071	8.189007	8.653305	8.246976	6.462305	6.155894	8.775163	8.363169	8.775163	8.363169
388700	3740600	6.224185	5.97428	8.456914	8.12065	8.456914	8.12065	8.276168	7.950299	8.276168	7.950299	8.333685	8.004806	6.224185	5.97428	8.456914	8.12065	8.456914	8.12065
389200	3740600	6.026469	5.843815	8.193197	7.947059	8.193197	7.947059	8.016472	7.777114	8.016472	7.777114	8.070082	7.828533	6.026469	5.843815	8.193197	7.947059	8.193197	7.947059
389700	3740600	5.889362	5.710466	8.01104	7.769141	8.01104	7.769141	7.83749	7.601771	7.83749	7.601771	7.888203	7.650547	5.889362	5.710466	8.01104	7.769141	8.01104	7.769141
380200	3741100	10.93198	10.3739	14.73781	13.98959	14.73781	13.98959	14.48413	13.74853	14.48413	13.74853	14.63774	13.89272	10.93198	10.3739	14.73781	13.98959	14.73781	13.98959

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
380700	3741100	10.8258	10.43959	14.59549	14.07632	14.59549	14.07632	14.34214	13.83112	14.34214	13.83112	14.49361	13.97648	10.8258	10.43959	14.59549	14.07632	14.59549	14.07632
381200	3741100	10.78157	10.17463	14.53481	13.72155	14.53481	13.72155	14.28073	13.48183	14.28073	13.48183	14.4317	13.62254	10.78157	10.17463	14.53481	13.72155	14.53481	13.72155
381700	3741100	10.52432	10.1786	14.19228	13.72679	14.19228	13.72679	13.94228	13.48461	13.94228	13.48461	14.08782	13.62499	10.52432	10.1786	14.19228	13.72679	14.19228	13.72679
382200	3741100	10.24084	9.934622	13.81367	13.40089	13.81367	13.40089	13.56828	13.16232	13.56828	13.16232	13.70819	13.29785	10.24084	9.934622	13.81367	13.40089	13.81367	13.40089
382700	3741100	9.971699	9.637239	13.45536	13.00445	13.45536	13.00445	13.21342	12.77097	13.21342	12.77097	13.34741	12.90038	9.971699	9.637239	13.45536	13.00445	13.45536	13.00445
383200	3741100	9.559495	9.276759	12.90606	12.52404	12.90606	12.52404	12.67133	12.29675	12.67133	12.29675	12.79681	12.41869	9.559495	9.276759	12.90606	12.52404	12.90606	12.52404
383700	3741100	9.2405	8.796595	12.4797	11.88303	12.4797	11.88303	12.25038	11.66381	12.25038	11.66381	12.3697	11.77568	9.241401	8.796595	12.4797	11.88303	12.4797	11.88303
384200	3741100	8.668	8.476721	11.71632	11.45799	11.71632	11.45799	11.49687	11.24462	11.49687	11.24462	11.60452	11.35	8.668	8.476721	11.71632	11.45799	11.71632	11.45799
384700	3741100	8.210202	7.833885	11.10626	10.60181	11.10626	10.60181	10.89578	10.40097	10.89578	10.40097	10.99411	10.49311	8.210202	7.833885	11.10626	10.60181	11.10626	10.60181
385200	3741100	7.901754	7.677193	10.69304	10.39142	10.69304	10.39142	10.48757	10.19195	10.48757	10.19195	10.58026	10.28121	7.901754	7.677193	10.69304	10.39142	10.69304	10.39142
385700	3741100	7.643938	7.404711	10.34891	10.02771	10.34891	10.02771	10.14732	9.832742	10.14732	9.832742	10.2348	9.916552	7.643938	7.404711	10.34891	10.02771	10.34891	10.02771
386200	3741100	7.458686	7.104537	10.10344	9.629129	10.10344	9.629129	9.903437	9.437593	9.903437	9.437593	9.986312	9.514386	7.458686	7.104537	10.10344	9.629129	10.10344	9.629129
386700	3741100	7.055169	6.704855	9.564421	9.094966	9.564421	9.094966	9.371905	8.911564	9.371905	8.911564	9.446986	8.980854	7.055169	6.704855	9.564421	9.094966	9.564421	9.094966
387200	3741100	6.802243	6.529574	9.226567	8.860132	9.226567	8.860132	9.038965	8.679912	9.038965	8.679912	9.109203	8.746056	6.802243	6.529574	9.226567	8.860132	9.226567	8.860132
387700	3741100	6.674569	6.334688	9.05653	8.599018	9.05653	8.599018	8.870037	8.422776	8.870037	8.422776	8.937412	8.485493	6.674569	6.334688	9.05653	8.599018	9.05653	8.599018
388200	3741100	6.511805	6.141599	8.839886	8.342316	8.839886	8.342316	8.655341	8.168649	8.655341	8.168649	8.719115	8.227024	6.511805	6.141599	8.839886	8.342316	8.839886	8.342316
388700	3741100	6.224353	5.926506	8.455086	8.055198	8.455086	8.055198	8.276619	7.88668	8.276619	7.88668	8.33525	7.941013	6.224353	5.926506	8.455086	8.055198	8.455086	8.055198
389200	3741100	5.991342	5.769313	8.143605	7.844698	8.143605	7.844698	7.968909	7.679433	7.968909	7.679433	8.023033	7.730983	5.991342	5.769313	8.143605	7.844698	8.143605	7.844698
389700	3741100	5.805669	5.617062	7.895967	7.641588	7.895967	7.641588	7.726133	7.47889	7.726133	7.47889	7.776762	7.527356	5.805669	5.617062	7.895967	7.641588	7.895967	7.641588
380200	3741600	10.23454	9.964937	13.80529	13.44156	13.80529	13.44156	13.56693	13.21024	13.56693	13.21024	13.70775	13.34754	10.23454	9.964937	13.80529	13.44156	13.80529	13.44156
380700	3741600	10.30933	9.846835	13.90447	13.28402	13.90447	13.28402	13.66306	13.05315	13.66306	13.05315	13.80538	13.18778	10.30933	9.846835	13.90447	13.28402	13.90447	13.28402
381200	3741600	9.987748	9.48366	13.47181	12.79638	13.47181	12.79638	13.23652	12.5736	13.23652	12.5736	13.37384	12.70237	9.987748	9.48366	13.47181	12.79638	13.47181	12.79638
381700	3741600	9.864995	9.57358	13.31035	12.91769	13.31035	12.91769	13.07601	12.69043	13.07601	12.69043	13.20975	12.82005	9.864995	9.57358	13.31035	12.91769	13.31035	12.91769
382200	3741600	9.739018	9.445311	13.14212	12.74636	13.14212	12.74636	12.90882	12.51973	12.90882	12.51973	13.0399	12.64659	9.739018	9.445311	13.14212	12.74636	13.14212	12.74636
382700	3741600	9.408183	9.110218	12.70122	12.29916	12.70122	12.29916	12.47265	12.07944	12.47265	12.07944	12.59675	12.19976	9.408183	9.110218	12.70122	12.29916	12.70122	12.29916
383200	3741600	9.05925	8.867912	12.23564	11.97614	12.23564	11.97614	12.01335	11.75881	12.01335	11.75881	12.13047	11.8739	9.05925	8.867912	12.23564	11.97614	12.23564	11.97614
383700	3741600	8.794608	8.353275	11.88265	11.29047	11.88265	11.29047	11.66478	11.08321	11.66478	11.08321	11.77653	11.18778	8.794608	8.353275	11.88265	11.29047	11.88265	11.29047
384200	3741600	8.4228	8.143986	11.38604	11.01142	11.38604	11.01142	11.17366	10.80721	11.17366	10.80721	11.27797	10.90741	8.4228	8.143986	11.38604	11.01142	11.38604	11.01142
384700	3741600	7.934523	7.574439	10.73502	10.25289	10.73502	10.25289	10.53239	10.05943	10.53239	10.05943	10.62693	10.14784	7.934523	7.574439	10.73502	10.25289	10.73502	10.25289
385200	3741600	7.725026	7.350809	10.45502	9.953935	10.45502	9.953935	10.25518	9.763379	10.25518	9.763379	10.34555	9.847345	7.725026	7.350809	10.45502	9.953935	10.45502	9.953935
385700	3741600	7.464605	7.200063	10.10693	9.751806	10.10693	9.751806	9.91104	9.563526	9.91104	9.563526	9.996318	9.644771	7.464605	7.200063	10.10693	9.751806	10.10693	9.751806
386200	3741600	7.125386	6.909007	9.653522	9.362832	9.653522	9.362832	9.463884	9.178636	9.463884	9.178636	9.54272	9.254119	7.125386	6.909007	9.653522	9.362832	9.653522	9.362832
386700	3741600	6.945774	6.561667	9.414685	8.900049	9.414685	8.900049	9.22744	8.721965	9.22744	8.721965	9.302242	8.790244	6.945774	6.561667	9.414685	8.900049	9.414685	8.900049
387200	3741600	6.611789	6.371295	8.969837	8.64621	8.969837	8.64621	8.788114	8.471503	8.788114	8.471503	8.855894	8.535907	6.611789	6.371295	8.969837	8.64621	8.969837	8.64621
387700	3741600	6.536011	6.206779	8.869334	8.426177	8.869334	8.426177	8.687462	8.254591	8.687462	8.254591	8.753265	8.315935	6.536011	6.206779	8.869334	8.426177	8.869334	8.426177
388200	3741600	6.396027	6.063885	8.682287	8.234572	8.682287	8.234572	8.502514	8.065198	8.502514	8.065198	8.565547	8.123983	6.396027	6.063885	8.682287	8.234572	8.682287	8.234572
388700	3741600	6.189328	5.834685	8.40536	7.929142	8.40536	7.929142	8.229912	7.764298	8.229912	7.764298	8.289341	7.818425	6.189328	5.834685	8.40536	7.929142	8.40536	7.929142
389200	3741600	5.972855	5.679538	8.116194	7.722369	8.116194	7.722369	7.94397	7.560253	7.94397	7.560253	7.999085	7.611185	5.972855	5.679538	8.116194	7.722369	8.116194	7.722369
389700	3741600	5.748747	5.597759	7.8172	7.613243	7.8172	7.613243	7.65011	7.451491	7.65011	7.451491	7.700907	7.500621	5.748747	5.597759	7.8172	7.613243	7.8172	7.613243
380200	3742100	9.747285	9.523311	13.15329	12.85081	13.15329	12.85081	12.9265	12.62908	12.9265	12.62908	13.05874	12.75837	9.747285	9.523311	13.15329	12.85081	13.15329	12.85081
380700	3742100	9.698036	9.252893	13.08549	12.4891	13.08549	12.4891	12.859	12.27267	12.859	12.27267	12.99094	12.39695	9.698036	9.252893	13.08549	12.4891	13.08549	12.4891
381200	3742100	9.538502	9.108867	12.87203	12.29604	12.87203	12.29604	12.64727	12.08169	12.64727	12.08169	12.77608	12.20333	9.538502	9.108867	12.87203	12.29604	12.87203	12.29604
381700	3742100	9.296969	9.055512	12.54965	12.224	12.54965	12.224	12.32913	12.00918	12.32913	12.00918	12.45311	12.12985	9.296969	9.055512	12.54965	12.224	12.54965	12.224
382200	3742100	9.269409	8.918075	12.51321	12.04072	12.51321	12.04072	12.29106	11.82726	12.29106	11.82726	12.41404	11.94497	9.269409	8.918075	12.51321	12.04072	12.51321	12.04072
382700	3742100	8.892492	8.623108	12.01085	11.647	12.01085	11.647	11.79488	11.43953	11.79488	11.43953	11.91004	11.55151	8.892492	8.623108	12.01085	11.647	12.01085	11.647
383200	3742100	8.685881	8.409323	11.73472	11.36176	11.73472	11.36176	11.52213	11.15568	11.52213	11.15568	11.63327	11.26301	8.685881	8.409323	11.73472	11.36176	11.73472	11.36176
383700	3742100	8.412436	8.13425	11.37014	10.99501	11.37014	10.99501	11.1619	10.79411	11.1619	10.79411	11.2674	10.89587	8.412436	8.13425	11.37014	10.99501	11.37014	10.99501
384200	3742100	8.076762	7.869921	10.92189	10.64272	10.92189	10.64272	10.71872	10.44605	10.71872	10.44605	10.8175	10.5423	8.076762	7.869921	10.92189	10.64272	10.92189	10.64272
384700	3742100	7.783699	7.386576	10.53044	9.998585	10.53044	9.998585	10.33287	9.811012	10.33287	9.811012	10.42601	9.897392	7.783699	7.386576	10.53044	9.998585	10.53044	9.998585
385200	3742100	7.406246	7.042422	10.02556	9.538294	10.02556	9.538294	9.834823	9.356491	9.834823	9.356491	9.920888	9.436332	7.406246	7.042422	10.02556	9.538294	10.02556	9.538294
385700	3742100	7.186638	6.932665	9.73298	9.391586	9.73298	9.391586	9.545091	9.211135	9.545091	9.211135	9.62642	9.288795	7.186638	6.932665	9.73298	9.391586	9.73298	9.391586
386200	3742100	6.927989	6.761427	9.387038	9.162557	9.387038	9.162557	9.203707	8.983298	9.203707	8.983298	9.280165	9.057422	6.927989	6.761427	9.387038	9.162557	9.387038	9.162557
386700	3742100	6.766507	6.566571	9.173221	8.904128	9.173221	8.904128	8.99187	8.727507	8.99187	8.727507	9.064349	8.797032	6.766507	6.566571	9.173221	8.904128	9.173221	8.904128
387200	3742100	6.577897	6.196702	8.921704	8.410761	8.921704	8.410761	8.742529	8.241096	8.742529	8.241096	8.811007	8.30324	6.577897	6.196702	8.921704	8.410761	8.921704	8.410761
387700	3742100	6.324269	6.11121	8.584226	8.296419	8.584226	8.296419	8.409078	8.128768	8.409078	8.128768	8.47207	8.18938	6.324269	6.11121	8.584226	8.296419	8.584226	8.296419
388200	3742100	6.254874	5.959436	8.49178	8.093324	8.49178	8.093324	8.317215	7.927738	8.317215	7.927738	8.378648	7.985425	6.254874	5.959436	8.49178	8.093324	8.49178	8.093324
388700	3742100	6.061065	5.785686	8.231451	7.860386	8.231451	7.860386	8.061795	7.699339	8.061795	7.699339	8.12023	7.75418	6.061065	5.785686	8.231451	7.860386	8.231451	7.860386
389200	3742100	5.937882	5.568814	8.066748	7.571662	8.066748	7.571662	7.897833	7.415194	7.897833	7.415194	7.953694	7.465584	5.937882	5.568814	8.066748	7.571662	8.066748	7.571662
389700	3742100	5.716118	5.421759	7.770349	7.375469	7.770349	7.375469	7.605989	7.221112	7.605989	7.221112	7.657696	7.268472	5.716118	5.421759	7.770349	7.375469	7.770349	7.375469
389978	3741459	5.725512	5.555197	7.788493	7.557908	7.788493	7.557908	7.620734	7.396315	7.620734	7.396315	7.670055	7.443956	5.725512	5.555197	7.788493	7.557908	7.788493	7.557908
380022	3739531	12.89943	12.62041	17.37018	16.99246	17.37018	16.99246	17.07092	16.69939	17.07092	16.69939	17.25955	16.88467	12.89943	12.62041	17.37018	16.99246	17.37018	16.99246
379814	3739341	13.04216	12.54509	17.56131	16.89254	17.56131	16.89254	17.26044	16.60275	17.26044	16.60275	17.45183	16.78663	13.04216	12.54509	17.56131	16.89254	17.56131	16.89254
379142	3733893	12.57946	12.24243	17.00472	16.54668	17.00472	16.54668	16.7249	16.27417	16.7249	16.27417	16.88686	16.43266	12.57946	12.24243	17.00472	16.54668	17.00472	16.54668
389449	3739338	6.217602	6.016993	8.456634	8.183805	8.456634	8.183805	8.270433	8.004447	8.270433	8.004447	8.323804	8.056211	6.217602	6.016993	8.456634	8.183805	8.456634	8.183805
389215	3739462	6.244367	6.052538	8.491166	8.230576	8.491166	8.230576	8.305503	8.050528	8.305503	8.050528	8.360001	8.103245	6.244367	6.052538	8.491166	8.230576	8.491166	8.230576
378929	3734007	12.10155	11.79276	16.36762	15.9469	16.36762	15.9469	16.09983	15.68601	16.09983	15.68601	16.25261	15.83597	12.10155	11.79276	16.36762	15.9469	16.36762	15.9469
389539	3741329	5.821777	5.663934	7.916034	7.702995	7.916034	7.702995	7.746445	7.539181	7.746445	7.539181	7.798001	7.588946	5.821777	5.663934	7.916034	7.702995	7.916034	7.702995
390167	3738394	6.355378	6.172027	8.650905	8.399157	8.650905	8.399157	8.456176	8.210897	8.456176	8.210897	8.507512	8.26168	6.355378	6.172027	8.650905	8.399157	8.650905	8.399157
390353	3741373	5.719769	5.550874	7.78479	7.555263	7.78479	7.555263	7.614907	7.392437	7.614907	7.392437	7.662309	7.438631	5.719769	5.550874	7.78479	7.555263	7.78479	7.555263
383100	3738224	12.88991	12.26113	17.35779	16.51581	17.35779	16.51581	17.04009	16.21284	17.04009	16.21284	17.22542	16.38723	12.88991	12.26113	17.35779	16.51581	17.35779	16.51581
387369	3742073	6.464062	6.195121	8.770292	8.408719	8.770292	8.408719	8.59324	8.239096	8.59324	8.239096	8.659275	8.301179	6.464062	6.195121	8.770292	8.408719	8.770292	8.408719
387922	3743131	6.095442	5.742699	8.274111	7.800878	8.274111	7.800878	8.106993	7.644175	8.106993	7.644175	8.167794	7.699536	6.095442	5.742699	8.274111	7.800878	8.274111	7.800878
387401	3740832	6.860499	6.518667	9.30617	8.846303	9.30617	8.846303	9.114845	8.665007	9.114845	8.665007	9.185123	8.730467	6.860499	6.518667	9.30617	8.846303	9.30617	8.846303
387445	3739252	6.951653	6.708785	9.436802	9.107648	9.436802	9.107648	9.235819	8.914749	9.235819	8.914749	9.303329	8.979895	6.951653	6.708785	9.436802	9.107648	9.436802	9.107648
389789	3736894	6.690782	6.404419	9.102391	8.711004	9.102391	8.711004	8.89302	8.513858	8.89302	8.513858	8.948209	8.567873	6.690782	6.404419	9.102391	8.711004	9.102391	8.711004
387455	3740696	6.890148	6.507091	9.346479	8.831241	9.346479	8.831241	9.153614	8.649901	9.153614	8.649901	9.224037	8.714929	6.890148	6.507091	9.346479	8.831241	9.346479	8.831241
386939	3743260	6.316278	6.143309	8.566481	8.33357	8.566481	8.33357	8.398702	8.169988	8.398702	8.169988	8.465275	8.234072	6.316278	6.143309	8.566481	8.33357	8.566481	8.33357
390450	3740328	5.805166	5.56084	7.900299	7.570651	7.900299	7.570651	7.727201	7.40759	7.727201	7.40759	7.775449	7.453219	5.805166	5.56084	7.900299	7.570651	7.900299	7.570651
380445	3733657	18.51874	17.75433	24.91955	23.89175	24.91955	23.89175	24.48964	23.48039	24.48964	23.48039	24.76692	23.74599	18.51874	17.75433	24.91955	23.89175	24.91955	23.89175
389709	3742434	5.808585	5.461693	7.894425	7.429046	7.894425	7.429046	7.726948	7.273251	7.726948	7.273251	7.780022	7.321186	5.808585	5.461693	7.894425	7.429046	7.894425	7.429046
389709	3742485	5.824165	5.469927	7.915453	7.44012	7.915453	7.44012	7.747458	7.284091	7.747458	7.284091	7.800708	7.332147	5.824165	5.469927	7.915453	7.44012	7.915453	7.44012
389401	3740862	5.931341	5.770762	8.064875	7.848583	8.064875	7.848583	7.891115	7.680335	7.891115	7.680335	7.943539	7.730716	5.931341	5.770762	8.064875	7.848583	8.064875	7.848583
381762	3737740	17.19776	16.58465	23.10328	22.28009	23.10328	22.28009	22.69587	21.88658	22.69587	21.88658	22.96613	22.14686	17.19776	16.58465	23.10328	22.28009	23.10328	22.28009
380296	3733115	17.12979	16.5304	23.07583	22.27051	23.07583	22.27051	22.68163	21.89024	22.68163	21.89024	22.92924	22.12849	17.12979	16.5304	23.07583	22.27051	23.07583	22.27051
381348	3733563	25.56499	24.60195	34.29996	33.00936	34.29996	33.00936	33.69694	32.42961	33.69694	32.42961	34.11504	32.83158	25.56499	24.60195	34.29996	33.00936	34.29996	33.00936
389119	3738782	6.603487	6.43485	8.980146	8.749392	8.980146	8.749392	8.780137	8.554532	8.780137	8.554532	8.836953	8.610426	6.603487	6.43485	8.980146	8.749392	8.980146	8.749392
387192	3740865	6.871786	6.611733	9.320577	8.970647	9.320577	8.970647	9.130728	8.787742	9.130728	8.787742	9.201731	8.855005	6.871786	6.611733	9.320577	8.970647	9.320577	8.970647

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
389648	3738051	6.667845	6.397777	9.071717	8.705218	9.071717	8.705218	8.865393	8.510344	8.865393	8.510344	8.920581	8.563456	6.667845	6.397777	9.071717	8.705218	9.071717	8.705218
389498	3740798	5.899604	5.72686	8.022798	7.789785	8.022798	7.789785	7.84985	7.623249	7.84985	7.623249	7.901582	7.672994	5.899604	5.72686	8.022798	7.789785	8.022798	7.789785
389398	3742733	5.888588	5.519791	8.000949	7.50514	8.000949	7.50514	7.833573	7.350437	7.833573	7.350437	7.888566	7.400393	5.888588	5.519791	8.000949	7.50514	8.000949	7.50514
378579	3732386	9.190454	8.913584	12.49938	12.11828	12.49938	12.11828	12.30834	11.93183	12.30834	11.93183	12.40099	12.02316	9.190454	8.913584	12.49938	12.11828	12.49938	12.11828
387231	3740475	7.023652	6.658757	9.525541	9.034919	9.525541	9.034919	9.32995	8.849345	9.32995	8.849345	9.402645	8.916683	7.023652	6.658757	9.525541	9.034919	9.525541	9.034919
378821	3734136	11.78242	11.43562	15.94062	15.46919	15.94062	15.46919	15.68077	15.21681	15.68077	15.21681	15.82792	15.36038	11.78242	11.43562	15.94062	15.46919	15.94062	15.46919
390456	3738401	6.279571	6.055204	8.549126	8.241033	8.549126	8.241033	8.355909	8.056046	8.355909	8.056046	8.405975	8.105505	6.279571	6.055204	8.549126	8.241033	8.549126	8.241033
389285	3742656	5.900044	5.577223	8.016084	7.581756	8.016084	7.581756	7.84896	7.425221	7.84896	7.425221	7.904315	7.476215	5.900044	5.577223	8.016084	7.581756	8.016084	7.581756
390278	3738221	6.359968	6.164335	8.658097	8.388636	8.658097	8.388636	8.462574	8.199738	8.462574	8.199738	8.513499	8.25033	6.359968	6.164335	8.658097	8.388636	8.658097	8.388636
387154	3741415	6.677777	6.461724	9.058942	8.767948	9.058942	8.767948	8.875135	8.590592	8.875135	8.590592	8.94371	8.656233	6.677777	6.461724	9.058942	8.767948	9.058942	8.767948
387349	3740831	6.858371	6.532397	9.30316	8.864585	9.30316	8.864585	9.112324	8.683305	9.112324	8.683305	9.182677	8.749106	6.858371	6.532397	9.30316	8.864585	9.30316	8.864585
390005	3740389	5.934036	5.674397	8.073179	7.722895	8.073179	7.722895	7.896384	7.555539	7.896384	7.555539	7.946643	7.602802	5.934036	5.674397	8.073179	7.722895	8.073179	7.722895
388555	3741719	6.159685	5.862569	8.364349	7.964448	8.364349	7.964448	8.191724	7.800807	8.191724	7.800807	8.251445	7.856463	6.159685	5.862569	8.364349	7.964448	8.364349	7.964448
389478	3741347	5.84396	5.676063	7.945505	7.718933	7.945505	7.718933	7.775616	7.555346	7.775616	7.555346	7.827687	7.605523	5.84396	5.676063	7.945505	7.718933	7.945505	7.718933
387541	3742481	6.32333	5.999177	8.580493	8.145567	8.580493	8.145567	8.407905	7.981393	8.407905	7.981393	8.472178	8.040505	6.32333	5.999177	8.580493	8.145567	8.580493	8.145567
378848	3734004	11.85225	11.57548	16.03552	15.6573	16.03552	15.6573	15.774	15.40181	15.774	15.40181	15.92182	15.5476	11.85225	11.57548	16.03552	15.6573	16.03552	15.6573
390388	3740918	5.802299	5.51936	7.895937	7.513979	7.895937	7.513979	7.723153	7.352338	7.723153	7.352338	7.771604	7.397732	5.802299	5.51936	7.895937	7.513979	7.895937	7.513979
390475	3738176	6.357485	6.049852	8.655108	8.234915	8.655108	8.234915	8.457945	8.051234	8.457945	8.051234	8.508415	8.100417	6.357485	6.049852	8.655108	8.234915	8.655108	8.234915
381635	3738433	15.518	14.92983	20.86284	20.0729	20.86284	20.0729	20.49539	19.71775	20.49539	19.71775	20.73336	19.94617	15.518	14.92983	20.86284	20.0729	20.86284	20.0729
380863	3732991	19.84727	18.88962	26.69288	25.41165	26.69288	25.41165	26.22815	24.96922	26.22815	24.96922	26.52977	25.25387	19.84727	18.88962	26.69288	25.41165	26.69288	25.41165
378541	3733938	10.70622	10.45643	14.5073	14.16412	14.5073	14.16412	14.27451	13.93658	14.27451	13.93658	14.40041	14.06122	10.70622	10.45643	14.5073	14.16412	14.5073	14.16412
379271	3732975	12.67011	12.14111	17.13724	16.42317	17.13724	16.42317	16.85756	16.15438	16.85756	16.15438	17.01733	16.3068	12.67011	12.14111	17.13724	16.42317	17.13724	16.42317
379853	3731187	11.90446	11.60855	16.13695	15.72981	16.13695	15.72981	15.87861	15.47639	15.87861	15.47639	16.01659	15.6129	11.90446	11.60855	16.13695	15.72981	16.13695	15.72981
384770	3739365	9.245046	8.872569	12.49553	11.99471	12.49553	11.99471	12.25542	11.76417	12.25542	11.76417	12.36955	11.87271	9.245046	8.872569	12.49553	11.99471	12.49553	11.99471
389448	3738624	6.587843	6.358302	8.948196	8.648077	8.948196	8.648077	8.747003	8.454013	8.747003	8.454013	8.802581	8.508291	6.587843	6.358302	8.960526	8.648077	8.960526	8.648077
383095	3739869	10.97718	10.48051	14.8032	14.13425	14.8032	14.13425	14.52289	13.87734	14.52289	13.87734	14.68312	14.02055	10.97718	10.48051	14.8032	14.13425	14.8032	14.13425
379660	3734797	15.36133	14.77095	20.70014	19.90432	20.70014	19.90432	20.35178	19.56829	20.35178	19.56829	20.57232	19.78026	15.36133	14.77095	20.70014	19.90432	20.70014	19.90432
380681	3734795	22.37591	21.61298	30.04157	29.0167	30.04157	29.0167	29.52144	28.51335	29.52144	28.51335	29.88124	28.86098	22.37591	21.61298	30.04157	29.0167	30.04157	29.0167
386724	3740057	7.394416	7.085113	10.0231	9.606747	10.0231	9.606747	9.81843	9.410165	9.81843	9.410165	9.897108	9.484413	7.394416	7.085113	10.0231	9.606747	10.0231	9.606747
388765	3741760	6.147594	5.800664	8.3489	7.882867	8.3489	7.882867	8.174852	7.719218	8.174852	7.719218	8.233832	7.773081	6.147594	5.800664	8.3489	7.882867	8.3489	7.882867
383099	3740817	9.870656	9.576859	13.32289	12.92531	13.32289	12.92531	13.08091	12.69173	13.08091	12.69173	13.21174	12.81922	9.870656	9.576859	13.32289	12.92531	13.32289	12.92531
390224	3740330	5.871437	5.638786	7.989445	7.674915	7.989445	7.674915	7.814407	7.50965	7.814407	7.50965	7.863603	7.556611	5.871437	5.638786	7.989445	7.674915	7.989445	7.674915
380154	3733793	17.07141	16.50697	22.99153	22.22962	22.99153	22.22962	22.59828	21.84909	22.59828	21.84909	22.84702	22.09025	17.07141	16.50697	22.99153	22.22962	22.99153	22.22962
389538	3740963	5.864969	5.684802	7.975516	7.732793	7.975516	7.732793	7.803905	7.567673	7.803905	7.567673	7.855452	7.616994	5.864969	5.684802	7.975516	7.732793	7.975516	7.732793
388714	3737260	7.113264	6.838051	9.670145	9.29709	9.670145	9.29709	9.449114	9.087371	9.449114	9.087371	9.510609	9.146536	7.113264	6.838051	9.670145	9.29709	9.670145	9.29709
378649	3736024	12.37639	11.94592	16.71488	16.12693	16.71488	16.12693	16.43961	15.8613	16.43961	15.8613	16.60457	16.02287	12.37639	11.94592	16.71488	16.12693	16.71488	16.12693
389879	3739303	6.224757	6.011695	8.469512	8.162301	8.469512	8.162301	8.281179	7.982714	8.281179	7.982714	8.333146	8.032862	6.224757	6.011695	8.469512	8.162301	8.469512	8.162301
378441	3735152	10.4899	10.11775	14.20136	13.6956	14.20136	13.6956	13.97203	13.47365	13.97203	13.47365	14.09984	13.59761	10.4899	10.11775	14.20136	13.6956	14.20136	13.6956
388749	3737794	6.870821	6.717024	9.341647	9.131262	9.341647	9.131262	9.131208	8.926206	9.131208	8.926206	9.190696	8.98495	6.870821	6.717024	9.341647	9.131262	9.341647	9.131262
383262	3739680	11.05879	10.41856	14.91199	14.0533	14.91199	14.0533	14.63887	13.79691	14.63887	13.79691	14.79043	13.93809	11.05879	10.41856	14.91199	14.0533	14.91199	14.0533
389624	3738317	6.611145	6.387899	8.994422	8.690295	8.994422	8.690295	8.790876	8.495851	8.790876	8.495851	8.845816	8.549436	6.611145	6.387899	8.994422	8.690295	8.994422	8.690295
382778	3739398	12.07318	11.50864	16.26691	15.50805	16.26691	15.50805	15.97271	15.22741	15.97271	15.22741	16.14355	15.38954	12.07318	11.50864	16.26691	15.50805	16.26691	15.50805
382757	3737606	14.98169	14.12949	20.14897	19.0088	20.14897	19.0088	19.78461	18.66425	19.78461	18.66425	20.0102	18.87464	14.98169	14.12949	20.14897	19.0088	20.14897	19.0088
382820	3738093	13.88218	13.12674	18.68076	17.66988	18.68076	17.66988	18.3425	17.34861	18.3425	17.34861	18.54753	17.5402	13.88218	13.12674	18.68076	17.66988	18.68076	17.66988
389389	3738887	6.542992	6.294649	8.899118	8.561247	8.899118	8.561247	8.699813	8.371818	8.699813	8.371818	8.755476	8.425777	6.542992	6.295669	8.899118	8.561247	8.899118	8.561247
382180	3739100	13.35432	12.54136	17.97459	16.88573	17.97459	16.88573	17.65491	16.58356	17.65491	16.58356	17.85158	16.766	13.35432	12.54136	17.97459	16.88573	17.97459	16.88573
379361	3740015	11.99903	11.52861	16.16893	15.53765	16.16893	15.53765	15.8937	15.27302	15.8937	15.27302	16.06558	15.43718	11.99903	11.52861	16.16893	15.53765	16.16893	15.53765
380824	3735170	23.85492	23.17524	32.00193	31.08967	32.00193	31.08967	31.44827	30.55145	31.44827	30.55145	31.84129	30.93332	23.85492	23.17524	32.00193	31.08967	32.00193	31.08967
383174	3739290	11.66254	10.9447	15.7191	14.7575	15.7191	14.7575	15.43067	14.48755	15.43067	14.48755	15.59312	14.63776	11.66254	10.9447	15.7191	14.7575	15.7191	14.7575
381835	3737984	16.32866	15.85636	21.94411	21.30878	21.94411	21.30878	21.55695	20.93118	21.55695	20.93118	21.81041	21.17738	16.32866	15.85636	21.94411	21.30878	21.94411	21.30878
389535	3741054	5.864364	5.699604	7.974563	7.752512	7.974563	7.752512	7.803005	7.586738	7.803005	7.586738	7.85459	7.636296	5.864364	5.699604	7.974563	7.752512	7.974563	7.752512
379332	3734589	13.33721	12.85122	18.00373	17.34685	18.00373	17.34685	17.70389	17.0578	17.70389	17.0578	17.88426	17.23198	13.33721	12.85122	18.00373	17.34685	18.00373	17.34685
389714	3737893	6.654386	6.383096	9.054727	8.68607	9.054727	8.68607	8.848764	8.491498	8.848764	8.491498	8.90334	8.544155	6.654386	6.383096	9.054727	8.68607	9.054727	8.68607
379760	3736916	16.62622	15.90824	22.36286	21.39554	22.36286	21.39554	21.9815	21.02864	21.9815	21.02864	22.23477	21.2712	16.62622	15.90824	22.36286	21.39554	22.36286	21.39554
389686	3741436	5.755038	5.602826	7.826424	7.6209	7.826424	7.6209	7.658753	7.458761	7.658753	7.458761	7.709286	7.507615	5.755038	5.602826	7.826424	7.6209	7.826424	7.6209
387943	3742041	6.317313	6.007085	8.57495	8.15723	8.57495	8.15723	8.399637	7.991413	8.399637	7.991413	8.462427	8.050022	6.317313	6.007085	8.57495	8.15723	8.57495	8.15723
387255	3739936	7.091586	6.651013	9.619339	9.026506	9.619339	9.026506	9.419225	8.839214	9.419225	8.839214	9.491608	8.90541	7.091586	6.651013	9.619339	9.026506	9.619339	9.026506
389235	3740749	5.999268	5.807106	8.156151	7.897423	8.156151	7.897423	7.980437	7.729009	7.980437	7.729009	8.033871	7.780069	5.999268	5.807106	8.156151	7.897423	8.156151	7.897423
379517	3732375	12.5427	12.26393	16.97218	16.59133	16.97218	16.59133	16.69654	16.32047	16.69654	16.32047	16.85225	16.47383	12.5427	12.26393	16.97218	16.59133	16.97218	16.59133
380014	3733758	16.20021	15.76963	21.83188	21.24866	21.83188	21.24866	21.46008	20.88624	21.46008	20.88624	21.69147	21.11245	16.20021	15.76963	21.83188	21.24866	21.83188	21.24866
379495	3737075	15.42649	14.64563	20.76779	19.71402	20.76779	19.71402	20.41517	19.37761	20.41517	19.37761	20.64359	19.59508	15.42649	14.64563	20.76779	19.71402	20.76779	19.71402
380299	3740161	12.09325	11.58856	16.29067	15.61343	16.29067	15.61343	16.00929	15.34363	16.00929	15.34363	16.1837	15.50981	12.09325	11.58856	16.29067	15.61343	16.29067	15.61343
380257	3740403	11.80181	11.24926	15.90114	15.08384	15.90114	15.08384	15.62665	14.82289	15.62665	14.82289	15.7958	14.98171	11.80181	11.2933	15.90114	15.08384	15.90114	15.08384
389875	3741853	5.804839	5.624464	7.893622	7.649972	7.893622	7.649972	7.72436	7.486616	7.72436	7.486616	7.775514	7.535692	5.804839	5.624464	7.893622	7.649972	7.893622	7.649972
381988	3739995	11.9051	11.30095	16.03784	15.22728	16.03784	15.22728	15.75376	14.95641	15.75376	14.95641	15.92416	15.11675	11.9051	11.30095	16.03784	15.22728	16.03784	15.22728
379279	3735517	14.25765	13.65559	19.22447	18.41029	19.22447	18.41029	18.90206	18.10084	18.90206	18.10084	19.10267	18.29379	14.25765	13.65559	19.22447	18.41029	19.22447	18.41029
383239	3739989	10.62868	10.1633	14.33623	13.71033	14.33623	13.71033	14.07438	13.46066	14.07438	13.46066	14.21857	13.5979	10.63657	10.1633	14.33623	13.71084	14.33623	13.71084
390353	3739073	6.144775	5.930341	8.363883	8.071856	8.363883	8.071856	8.17751	7.893977	8.17751	7.893977	8.227581	7.942666	6.144775	5.930341	8.363883	8.071856	8.363883	8.071856
381187	3734118	25.86545	25.23592	34.69025	33.84511	34.69025	33.84511	34.08305	33.25299	34.08305	33.25299	34.51126	33.67116	25.86545	25.23592	34.69025	33.84511	34.69025	33.84511
380461	3731193	14.51153	14.26661	19.61054	19.27227	19.61054	19.27227	19.28511	18.95016	19.28511	18.95016	19.47353	19.1378	14.51153	14.26661	19.61054	19.27227	19.61054	19.27227
380049	3733031	15.87478	15.51626	21.40652	20.92171	21.40652	20.92171	21.04374	20.56792	21.04374	20.56792	21.26582	20.78558	15.87478	15.51626	21.40652	20.92171	21.40652	20.92171
389106	3738800	6.585189	6.419403	8.955272	8.728298	8.955272	8.728298	8.755961	8.53437	8.755961	8.53437	8.812636	8.590239	6.585189	6.419403	8.955272	8.728298	8.955272	8.728298
387111	3740236	7.122214	6.752608	9.65837	9.161437	9.65837	9.161437	9.460349	8.972719	9.460349	8.972719	9.534438	9.041213	7.122214	6.752608	9.65837	9.161437	9.65837	9.161437
389796	3738044	6.595573	6.331036	8.975088	8.615527	8.975088	8.615527	8.771461	8.423026	8.771461	8.423026	8.825499	8.475227	6.595573	6.331036	8.975088	8.615527	8.975088	8.615527
379594	3738367	14.20149	13.76041	19.123	18.52244	19.123	18.52244	18.79783	18.20645	18.79783	18.20645	19.00646	18.4107	14.20149	13.76041	19.123	18.52244	19.123	18.52244
390160	3739058	6.253955	6.023025	8.510654	8.196876	8.510654	8.196876	8.320106	8.015772	8.320106	8.015772	8.371589	8.06557	6.253955	6.023025	8.510654	8.196876	8.510654	8.196876
382425	3738317	14.52054	13.83929	19.53221	18.61895	19.53221	18.61895	19.18274	18.28453	19.18274	18.28453	19.40069	18.49088	14.52054	13.83929	19.53221	18.61895	19.53221	18.61895
379699	3732970	14.10276	13.85252	19.04663	18.70477	19.04663	18.70477	18.72916	18.39316	18.72916	18.39316	18.91643	18.57858	14.10276	13.85252	19.04663	18.70477	19.04663	18.70477
379666	3731426	11.81513	11.58177	16.01622	15.69151	16.01622	15.69151	15.76055	15.43858	15.76055	15.43858	15.89737	15.57532	11.81513	11.58177	16.01622	15.69151	16.01622	15.69151
379935	3736833	17.24622	16.5161	23.18715	22.20457	23.18715	22.20457	22.78966	21.82244	22.78966	21.82244	23.0556	22.07725	17.24622	16.5161	23.18715	22.20457	23.18715	22.20457
387156	3740295	7.091333	6.724543	9.616796	9.123652	9.616796	9.123652	9.41937	8.935611	9.41937	8.935611	9.492979	9.003714	7.091333	6.724543	9.616796	9.123652	9.616796	9.123652
390248	3737371	6.652373	6.27662	9.054153	8.543331	9.054153	8.543331	8.845651	8.352064	8.845651	8.352064	8.898991	8.403073	6.652373	6.27662	9.054153	8.543331	9.054153	8.543331
390538	3737763	6.433235	6.0898	8.7584	8.291199	8.7584	8.291199	8.558366	8.10686	8.558366	8.10686	8.609309	8.155741	6.433235	6.0898	8.7584	8.291199	8.7584	8.291199
387420	3740551	6.936129	6.534867	9.408675	8.869042	9.408675	8.869042	9.214182	8.686475	9.214182	8.686475	9.285098	8.751676	6.936129	6.534867	9.408675	8.869042	9.408675	8.869042
379821	3736524	17.07739	16.21495	22.96915	21.80849	22.96915	21.80849	22.5765	21.43468	22.5765	21.43468	22.83664	21.68177	17.07739	16.21495	22.96915	21.80849	22.96915	21.80849
389624	3738615	6.523513	6.321371	8.874967	8.599087	8.874967	8.599087	8.675701	8.407982	8.675701	8.407982	8.730248	8.461475	6.523513	6.321371	8.874967	8.599087	8.874967	8.599087
378750	3733896	11.3741	11.11056	15.39856	15.03783	15.39856	15.03783	15.14926	14.79412	15.14926	14.79412	15.28769	14.93088	11.3741	11.11056	15.39856	15.03783	15.39856	15.03783

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
390276	3738162	6.382474	6.179734	8.688636	8.409426	8.688636	8.409426	8.491923	8.219876	8.491923	8.219876	8.542977	8.270648	6.382474	6.179734	8.688636	8.409426	8.688636	8.409426
380498	3740249	12.01985	11.62965	16.19172	15.66655	16.19172	15.66655	15.91175	15.39501	15.91175	15.39501	16.0851	15.56247	12.01985	11.62965	16.19172	15.66655	16.19172	15.66655
378867	3731455	10.30824	10.11939	14.01422	13.74976	14.01422	13.74976	13.79769	13.53578	13.79769	13.53578	13.90323	13.64198	10.30824	10.11939	14.01422	13.74976	14.01422	13.74976
378709	3734317	11.40114	11.1044	15.42998	15.02503	15.42998	15.02503	15.17961	14.78037	15.17961	14.78037	15.32022	14.91852	11.40114	11.1044	15.42998	15.02503	15.42998	15.02503
379694	3736911	16.26545	15.62543	21.8833	21.01942	21.8833	21.01942	21.51057	20.65949	21.51057	20.65949	21.75637	20.89632	16.26545	15.62543	21.8833	21.01942	21.8833	21.01942
387129	3741587	6.661637	6.403564	9.036324	8.689419	9.036324	8.689419	8.853629	8.513691	8.853629	8.513691	8.922403	8.578616	6.661637	6.403564	9.036324	8.689419	9.036324	8.689419
382074	3740337	11.37605	10.85028	15.3316	14.62554	15.3316	14.62554	15.05948	14.36532	15.05948	14.36532	15.21989	14.51733	11.37605	10.85028	15.3316	14.62554	15.3316	14.62554
384631	3739119	9.506702	9.156977	12.84525	12.37516	12.84525	12.37516	12.59924	12.13726	12.59924	12.13726	12.71817	12.25076	9.506702	9.156977	12.84525	12.37516	12.84525	12.37516
387444	3742469	6.392461	6.026459	8.672695	8.181917	8.672695	8.181917	8.498413	8.017359	8.498413	8.017359	8.564007	8.077052	6.392461	6.026459	8.672695	8.181917	8.672695	8.181917
386969	3740593	7.054965	6.771926	9.566555	9.185897	9.566555	9.185897	9.371507	8.99855	9.371507	8.99855	9.44529	9.068221	7.054965	6.771926	9.566555	9.185897	9.566555	9.185897
390180	3738228	6.371796	6.182849	8.673867	8.414046	8.673867	8.414046	8.478655	8.225096	8.478655	8.225096	8.529911	8.275852	6.371796	6.182849	8.673867	8.414046	8.673867	8.414046
384377	3739369	9.602986	9.276251	12.9732	12.53273	12.9732	12.53273	12.72565	12.29437	12.72565	12.29437	12.84673	12.41109	9.602986	9.276251	12.9732	12.53273	12.9732	12.53273
387724	3740376	6.77509	6.403638	9.194452	8.694929	9.194452	8.694929	9.002392	8.513598	9.002392	8.513598	9.069771	8.575646	6.77509	6.403638	9.194452	8.694929	9.194452	8.694929
390207	3737910	6.503205	6.248639	8.851943	8.503574	8.851943	8.503574	8.650237	8.311365	8.650237	8.311365	8.702437	8.362455	6.503205	6.248639	8.851943	8.503574	8.851943	8.503574
390631	3737633	6.360846	6.097257	8.66136	8.301276	8.66136	8.301276	8.464834	8.116255	8.464834	8.116255	8.514845	8.165159	6.360846	6.097257	8.66136	8.301276	8.66136	8.301276
390365	3737647	6.545183	6.175503	8.909311	8.406432	8.909311	8.406432	8.704813	8.218584	8.704813	8.218584	8.757035	8.268552	6.545183	6.175503	8.909311	8.406432	8.909311	8.406432
389921	3738609	6.44726	6.205141	8.773094	8.443516	8.773094	8.443516	8.575023	8.2557	8.575023	8.2557	8.62807	8.307241	6.44726	6.205141	8.773094	8.443516	8.773094	8.443516
389883	3738053	6.546612	6.318612	8.909417	8.598541	8.909417	8.598541	8.707669	8.405776	8.707669	8.405776	8.761007	8.457795	6.546612	6.318612	8.909417	8.598541	8.909417	8.598541
390052	3737368	6.723234	6.372139	9.149371	8.67114	9.149371	8.67114	8.938532	8.475172	8.938532	8.475172	8.992874	8.527471	6.723234	6.372139	9.149371	8.67114	9.149371	8.67114
389599	3738178	6.655092	6.428991	9.05393	8.746329	9.05393	8.746329	8.848544	8.550201	8.848544	8.550201	8.903867	8.604013	6.655092	6.428991	9.05393	8.746329	9.05393	8.746329
387995	3740853	6.614214	6.224446	8.977194	8.453328	8.977194	8.453328	8.789891	8.27797	8.789891	8.27797	8.855316	8.337796	6.614214	6.224446	8.977194	8.453328	8.977194	8.453328
378996	3739241	12.41232	11.99561	16.73042	16.166	16.73042	16.166	16.44748	15.89256	16.44748	15.89256	16.62387	16.06406	12.41232	11.99561	16.73042	16.166	16.73042	16.166
389600	3738360	6.602934	6.375472	8.9831	8.673181	8.9831	8.673181	8.780241	8.479738	8.780241	8.479738	8.835236	8.533388	6.602934	6.375472	8.9831	8.673181	8.9831	8.673181
390315	3739619	5.999811	5.805602	8.16558	7.902412	8.16558	7.902412	7.984416	7.711667	7.984416	7.711667	8.033792	7.75911	5.999811	5.805602	8.16558	7.902412	8.16558	7.902412
388103	3741683	6.380706	6.075305	8.661417	8.249593	8.661417	8.249593	8.482804	8.080394	8.482804	8.080394	8.545825	8.139542	6.380706	6.075305	8.661417	8.249593	8.661417	8.249593
390224	3738014	6.454834	6.23539	8.786588	8.485293	8.786588	8.485293	8.586957	8.293472	8.586957	8.293472	8.638688	8.344547	6.454834	6.23539	8.786588	8.485293	8.786588	8.485293
387926	3742882	6.100836	5.844268	8.282452	7.937125	8.282452	7.937125	8.114392	7.777402	8.114392	7.777402	8.174742	7.83433	6.100836	5.844268	8.282452	7.937125	8.282452	7.937125
388691	3740431	6.231765	5.990065	8.468071	8.142756	8.468071	8.142756	8.28648	7.971077	8.28648	7.971077	8.343647	8.025346	6.231765	5.990065	8.468071	8.142756	8.468071	8.142756
378469	3734936	10.44781	10.11098	14.14735	13.68288	14.14735	13.68288	13.91922	13.46179	13.91922	13.46179	14.04556	13.5848	10.44781	10.11098	14.14735	13.68288	14.14735	13.68288
387340	3741495	6.597504	6.383576	8.951591	8.663267	8.951591	8.663267	8.769865	8.487517	8.769865	8.487517	8.837017	8.55179	6.597504	6.383576	8.951591	8.663267	8.951591	8.663267
386718	3739983	7.40142	7.085014	10.03227	9.606369	10.03227	9.606369	9.827458	9.409683	9.827458	9.409683	9.906336	9.484003	7.40142	7.085014	10.03227	9.606369	10.03227	9.606369
380186	3733726	17.0681	16.50796	22.98784	22.23181	22.98784	22.23181	22.59433	21.85117	22.59433	21.85117	22.84277	22.09203	17.0681	16.50796	22.98784	22.23181	22.98784	22.23181
381264	3732980	22.47556	21.83889	30.18977	29.28404	30.18977	29.28404	29.65913	28.77072	29.65913	28.77072	30.01392	29.1145	22.47556	21.83889	30.18977	29.28404	30.18977	29.28404
388011	3741615	6.412348	6.119176	8.704011	8.308524	8.704011	8.308524	8.524977	8.138061	8.524977	8.138061	8.588515	8.197843	6.412348	6.119176	8.704011	8.308524	8.704011	8.308524
388112	3742445	6.136243	5.92301	8.331743	8.043543	8.331743	8.043543	8.161577	7.879959	8.161577	7.879959	8.221647	7.937568	6.136243	5.92301	8.331743	8.043543	8.331743	8.043543
387172	3741938	6.607858	6.276349	8.962562	8.517688	8.962562	8.517688	8.782241	8.34578	8.782241	8.34578	8.850893	8.409139	6.607858	6.276349	8.962562	8.517688	8.962562	8.517688
390062	3738250	6.431336	6.231408	8.753587	8.479823	8.753587	8.479823	8.556051	8.28921	8.556051	8.28921	8.608185	8.340443	6.431336	6.231408	8.753587	8.479823	8.753587	8.479823
389026	3737038	7.046972	6.831548	9.583501	9.28933	9.583501	9.28933	9.363114	9.077666	9.363114	9.077666	9.422544	9.136033	7.046972	6.831548	9.583501	9.28933	9.583501	9.28933
389481	3741039	5.878045	5.716883	7.992783	7.775673	7.992783	7.775673	7.820874	7.609282	7.820874	7.609282	7.87272	7.65911	5.878045	5.716883	7.992783	7.775673	7.992783	7.775673
380158	3734275	17.58069	16.93846	23.66321	22.79817	23.66321	22.79817	23.25954	22.40812	23.25954	22.40812	23.52123	22.66024	17.58069	16.93846	23.66321	22.79817	23.66321	22.79817
387982	3740075	6.608901	6.362822	8.973794	8.641915	8.973794	8.641915	8.783903	8.460845	8.783903	8.460845	8.847439	8.521466	6.608901	6.362822	8.973794	8.641915	8.973794	8.641915
378816	3733895	11.61895	11.30992	15.72507	15.30376	15.72507	15.30376	15.46976	15.05507	15.46976	15.05507	15.61293	15.19555	11.61895	11.30992	15.72507	15.30376	15.72507	15.30376
379745	3733311	14.85461	14.46863	20.04492	19.52258	20.04492	19.52258	19.70832	19.19507	19.70832	19.19507	19.91143	19.39353	14.85461	14.46863	20.04492	19.52258	20.04492	19.52258
380440	3733911	18.66729	18.04545	25.11385	24.27454	25.11385	24.27454	24.68197	23.85778	24.68197	23.85778	24.96366	24.13072	18.66729	18.04545	25.11385	24.27544	25.11385	24.27544
387611	3742700	6.271807	5.927122	8.510798	8.048511	8.510798	8.048511	8.339809	7.886599	8.339809	7.886599	8.40352	7.944748	6.271807	5.927122	8.510798	8.048511	8.510798	8.048511
387731	3741753	6.473563	6.151948	8.785098	8.352118	8.785098	8.352118	8.605208	8.182284	8.605208	8.182284	8.670232	8.242987	6.473563	6.151948	8.785098	8.352118	8.785098	8.352118
388870	3737870	6.877723	6.683322	9.351461	9.086619	9.351461	9.086619	9.140042	8.883016	9.140042	8.883016	9.199312	8.941094	6.877723	6.683322	9.351461	9.086619	9.351461	9.086619
389981	3738882	6.361434	6.130203	8.656062	8.341465	8.656062	8.341465	8.461601	8.156751	8.461601	8.156751	8.514179	8.207838	6.361434	6.130203	8.656062	8.341465	8.656062	8.341465
388635	3741379	6.245512	5.890084	8.481858	8.004736	8.481858	8.004736	8.304194	7.837876	8.304194	7.837876	8.363981	7.892332	6.245512	5.890084	8.481858	8.004736	8.481858	8.004736
388088	3740588	6.536489	6.219289	8.874437	8.447875	8.874437	8.447875	8.688071	8.271424	8.688071	8.271424	8.751529	8.33044	6.536489	6.219289	8.874437	8.447875	8.874437	8.447875
387556	3739981	6.875459	6.562045	9.330571	8.908196	9.330571	8.908196	9.135317	8.721866	9.135317	8.721866	9.203663	8.78604	6.875459	6.562045	9.330571	8.908196	9.330571	8.908196
387009	3743355	6.280788	6.103319	8.518875	8.279923	8.518875	8.279923	8.351654	8.117198	8.351654	8.117198	8.417607	8.180611	6.280788	6.103319	8.518875	8.279923	8.518875	8.279923
387670	3740411	6.802333	6.423884	9.230579	8.721671	9.230579	8.721671	9.038603	8.540042	9.038603	8.540042	9.10671	8.6026	6.802333	6.423884	9.230579	8.721671	9.230579	8.721671
390403	3740229	5.839768	5.604531	7.947128	7.629594	7.947128	7.629594	7.772783	7.465085	7.772783	7.465085	7.821407	7.511229	5.839768	5.604531	7.947128	7.629594	7.947128	7.629594
382216	3739181	13.23755	12.43151	17.81869	16.73888	17.81869	16.73888	17.50128	16.4392	17.50128	16.4392	17.69567	16.61959	13.23755	12.43151	17.81869	16.73888	17.81869	16.73888
378878	3732123	10.01985	9.74991	13.61174	13.24036	13.61174	13.24036	13.4009	13.03379	13.4009	13.03379	13.50722	13.13874	10.01985	9.74991	13.61174	13.24036	13.61174	13.24036
389425	3742800	5.87594	5.507796	7.984018	7.488926	7.984018	7.488926	7.816978	7.334624	7.816978	7.334624	7.871755	7.384435	5.87594	5.507796	7.984018	7.488926	7.984018	7.488926
379320	3739551	12.32712	12.10098	16.61166	16.30348	16.61166	16.30348	16.32841	16.02616	16.32841	16.02616	16.50464	16.20048	12.32712	12.10098	16.61166	16.30348	16.61166	16.30348
380519	3733982	19.36154	18.67074	26.03739	25.08837	26.03739	25.08837	25.58789	24.65541	25.58789	24.65541	25.88366	24.94076	19.36154	18.67074	26.03739	25.08837	26.03739	25.08837
378626	3738189	11.68876	10.9893	15.7766	14.82887	15.7766	14.82887	15.51546	14.58213	15.51546	14.58213	15.6745	14.73284	11.68876	10.9893	15.7766	14.82887	15.7766	14.82887
381827	3738004	16.27044	15.78368	21.86637	21.21178	21.86637	21.21178	21.48055	20.83592	21.48055	20.83592	21.73301	21.08069	16.27044	15.78368	21.86637	21.21178	21.86637	21.21178
388688	3740334	6.252601	6.02829	8.496773	8.194744	8.496773	8.194744	8.314031	8.021114	8.314031	8.021114	8.371179	8.075585	6.252601	6.02829	8.496773	8.194744	8.496773	8.194744
388894	3740733	6.143413	5.934198	8.348645	8.067051	8.348645	8.067051	8.169558	7.896184	8.169558	7.896184	8.22567	7.949739	6.143413	5.934198	8.348645	8.067051	8.348645	8.067051
388832	3740311	6.216219	5.962871	8.448392	8.107081	8.448392	8.107081	8.265601	7.935187	8.265601	7.935187	8.321822	7.988582	6.216219	5.962871	8.448392	8.107081	8.448392	8.107081
381603	3740192	11.95326	11.45499	16.10158	15.43165	16.10158	15.43165	15.81744	15.16005	15.81744	15.16005	15.98916	15.32426	11.95326	11.45499	16.10158	15.43165	16.10158	15.43165
387506	3739696	6.924388	6.666704	9.39778	9.049179	9.39778	9.049179	9.199851	8.859427	9.199851	8.859427	9.268191	8.92494	6.924388	6.666704	9.39778	9.049179	9.39778	9.049179
390444	3739033	6.114155	5.945197	8.32304	8.091605	8.32304	8.091605	8.137518	7.91203	8.137518	7.91203	8.187009	7.960812	6.114155	5.945197	8.32304	8.091605	8.32304	8.091605
378938	3731817	10.33773	10.05213	14.0426	13.64845	14.0426	13.64845	13.82526	13.43492	13.82526	13.43492	13.93534	13.54389	10.33773	10.05213	14.0426	13.64845	14.0426	13.64845
390594	3738247	6.296742	5.974237	8.573037	8.132892	8.573037	8.132892	8.37791	7.952374	8.37791	7.952374	8.427708	8.000742	6.296742	5.974237	8.573037	8.132892	8.573037	8.132892
388725	3741155	6.196162	5.901455	8.41694	8.021324	8.41694	8.021324	8.239424	7.853531	8.239424	7.853531	8.297763	7.907571	6.196162	5.901455	8.41694	8.021324	8.41694	8.021324
380203	3736551	18.04809	17.57703	24.25185	23.61513	24.25185	23.61513	23.83443	23.20787	23.83443	23.20787	24.11738	23.48469	18.04809	17.57703	24.25185	23.61513	24.25185	23.61513
390195	3739970	5.974364	5.728536	8.129351	7.797183	8.129351	7.797183	7.950328	7.628208	7.950328	7.628208	8.000294	7.675686	5.974364	5.728536	8.129351	7.797183	8.129351	7.797183
388192	3740542	6.470344	6.185099	8.78621	8.402542	8.78621	8.402542	8.601744	8.227289	8.601744	8.227289	8.663984	8.285612	6.470344	6.185099	8.78621	8.402542	8.78621	8.402542
383107	3737969	13.21404	12.59348	17.79107	16.96003	17.79107	16.96003	17.46481	16.64854	17.46481	16.64854	17.65579	16.82898	13.21404	12.59348	17.79107	16.96003	17.79107	16.96003
389940	3740373	5.95602	5.698572	8.102802	7.75558	8.102802	7.75558	7.925537	7.587639	7.925537	7.587639	7.976138	7.635202	5.95602	5.698572	8.102802	7.75558	8.102802	7.75558
390373	3740260	5.843554	5.596359	7.952106	7.618466	7.952106	7.618466	7.777707	7.454297	7.777707	7.454297	7.826422	7.500406	5.843554	5.596359	7.952106	7.618466	7.952106	7.618466
390533	3740347	5.77791	5.550777	7.863737	7.55726	7.863737	7.55726	7.691611	7.39449	7.691611	7.39449	7.73947	7.439914	5.77791	5.550777	7.863737	7.55726	7.863737	7.55726
389282	3739139	6.315778	6.121327	8.589609	8.324802	8.589609	8.324802	8.400201	8.141171	8.400201	8.141171	8.454578	8.194001	6.315778	6.121327	8.589609	8.324802	8.589609	8.324802
378807	3734759	11.48677	11.15463	15.53598	15.08414	15.53598	15.08414	15.28227	14.83731	15.28227	14.83731	15.42739	14.97909	11.48677	11.15463	15.53598	15.08414	15.53598	15.08414
388084	3742865	6.020683	5.810292	8.175763	7.891651	8.175763	7.891651	8.009252	7.732452	8.009252	7.732452	8.067927	7.788727	6.020683	5.810292	8.175763	7.891651	8.175763	7.891651
388917	3737693	6.921707	6.667749	9.411394	9.066791	9.411394	9.066791	9.197494	8.863701	9.197494	8.863701	9.256913	8.921156	6.921707	6.667749	9.411394	9.066791	9.411394	9.066791
379706	3740182	11.79261	11.59472	15.89213	15.624	15.89213	15.624	15.61921	15.35596	15.61921	15.35596	15.78716	15.52171	11.79261	11.59472	15.89213	15.624	15.89213	15.624
388856	3738266	6.841655	6.681718	9.302094	9.07662	9.302094	9.07662	9.093681	8.873838	9.093681	8.873838	9.153062	8.932375	6.841655	6.681718	9.302094	9.07662	9.302094	9.07662
380807	3733760	20.76822	20.2966	27.91193	27.27498	27.91193	27.27498	27.42606	26.80154	27.42606	26.80154	27.749	27.11846	20.76822	20.2966	27.91193	27.27498	27.91193	27.27498
379507	3732828	13.27921	12.60437	17.94994	17.04167	17.94994	17.04167	17.65507	16.76079	17.65507	16.76079	17.82637	16.92172	13.27921	12.60437	17.94994	17.04167	17.94994	17.04167
390021	3738204	6.464144	6.252147	8.797962	8.508114	8.797962	8.508114	8.599215	8.316887	8.599215	8.316887	8.651676	8.368258	6.464144	6.252147	8.797962	8.508114	8.797962	8.508114
388005	3742146	6.262375	5.980857	8.501073	8.121782	8.501073	8.121782	8.327439	7.956436	8.327439	7.956436	8.389459	8.014692	6.262375	5.980857	8.501073	8.121782	8.501073	8.121782

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
382973	3739597	11.43438	11.09193	15.41465	14.95159	15.41465	14.95159	15.13438	14.67964	15.13438	14.67964	15.29275	14.83391	11.43438	11.09193	15.41465	14.95159	15.41465	14.95159
379841	3740022	12.09501	11.81239	16.29397	15.91305	16.29397	15.91305	16.0142	15.63964	16.0142	15.63964	16.18865	15.80998	12.09501	11.81239	16.29397	15.91305	16.29397	15.91305
389258	3739250	6.285745	6.125516	8.548204	8.329536	8.548204	8.329536	8.360467	8.146084	8.360467	8.146084	8.414914	8.199348	6.285745	6.125516	8.548204	8.329536	8.548204	8.329536
388234	3742867	5.967947	5.792995	8.10546	7.868536	8.10546	7.868536	7.940146	7.70892	7.940146	7.70892	7.997781	7.764749	5.967947	5.792995	8.10546	7.868536	8.10546	7.868536
382152	3737824	16.29729	15.32749	21.90173	20.60349	21.90173	20.60349	21.51301	20.23663	21.51301	20.23663	21.76565	20.47224	16.29729	15.32749	21.90173	20.60349	21.90173	20.60349
378944	3734805	11.98996	11.50973	16.20616	15.55681	16.20616	15.55681	15.93949	15.30095	15.93949	15.30095	16.09448	15.44984	11.98996	11.50973	16.20616	15.55681	16.20616	15.55681
389533	3741212	5.82398	5.680376	7.919575	7.725777	7.919575	7.725777	7.749552	7.560848	7.749552	7.560848	7.800878	7.610511	5.82398	5.680376	7.919575	7.725777	7.919575	7.725777
388859	3742514	5.944891	5.677324	8.075197	7.714321	8.075197	7.714321	7.908912	7.556207	7.908912	7.556207	7.965692	7.609593	5.944891	5.677324	8.075197	7.714321	8.075197	7.714321
389020	3739872	6.255975	6.055762	8.504452	8.2338	8.504452	8.2338	8.319376	8.054926	8.319376	8.054926	8.375047	8.108311	6.255975	6.055762	8.504452	8.2338	8.504452	8.2338
389472	3740264	6.023568	5.80347	8.191514	7.89466	8.191514	7.89466	8.013718	7.724089	8.013718	7.724089	8.066289	7.773959	6.023568	5.80347	8.191514	7.89466	8.191514	7.89466
379181	3735610	13.93263	13.33606	18.79072	17.98351	18.79072	17.98351	18.47645	17.68206	18.47645	17.68206	18.67087	17.86916	13.93263	13.33606	18.79072	17.98351	18.79072	17.98351
387188	3740575	6.987515	6.680301	9.476561	9.063318	9.476561	9.063318	9.282863	8.877655	9.282863	8.877655	9.355323	8.945606	6.987515	6.680301	9.476561	9.063318	9.476561	9.063318
389579	3738221	6.645957	6.429851	9.041511	8.74712	9.041511	8.74712	8.836676	8.551269	8.836676	8.551269	8.891958	8.60527	6.645957	6.429851	9.041511	8.74712	9.041511	8.74712
379407	3739022	13.10057	12.81433	17.64778	17.25702	17.64778	17.25702	17.34775	16.96246	17.34775	16.96246	17.53746	17.14976	13.10057	12.81433	17.64778	17.25702	17.64778	17.25702
390399	3739915	5.902326	5.683121	8.032766	7.736888	8.032766	7.736888	7.855601	7.568538	7.855601	7.568538	7.904399	7.614971	5.902326	5.683121	8.032766	7.736888	8.032766	7.736888
381871	3738620	14.42834	13.82901	19.40678	18.60266	19.40678	18.60266	19.06402	18.273	19.06402	18.273	19.28183	18.48078	14.42834	13.82901	19.40678	18.60266	19.40678	18.60266
380385	3733112	17.44378	16.86738	23.49375	22.71905	23.49375	22.71905	23.09059	22.32979	23.09059	22.32979	23.34446	22.57468	17.44378	16.86738	23.49375	22.71905	23.49375	22.71905
389036	3741241	6.045403	5.811763	8.214701	7.900612	8.214701	7.900612	8.039985	7.734883	8.039985	7.734883	8.095721	7.787599	6.045403	5.811763	8.214701	7.900612	8.214701	7.900612
379775	3731051	11.53173	11.24672	15.64326	15.25131	15.64326	15.25131	15.39431	15.00729	15.39431	15.00729	15.52386	15.1353	11.53173	11.24672	15.64326	15.25131	15.64326	15.25131
379822	3735045	16.34607	15.94584	22.01063	21.46622	22.01063	21.46622	21.63591	21.10104	21.63591	21.10104	21.8759	21.33728	16.34607	15.94584	22.01063	21.46622	22.01063	21.46622
383537	3739930	10.31544	9.914851	13.91925	13.38078	13.91925	13.38078	13.66253	13.13408	13.66253	13.13408	13.80008	13.26554	10.31544	9.914851	13.91925	13.38078	13.91925	13.38078
387465	3742345	6.38071	6.066413	8.657635	8.235749	8.657635	8.235749	8.48336	8.069908	8.48336	8.069908	8.548467	8.130115	6.38071	6.066413	8.657635	8.235749	8.657635	8.235749
389765	3740701	5.845086	5.680592	7.951382	7.728779	7.951382	7.728779	7.779314	7.562403	7.779314	7.562403	7.829446	7.610841	5.845086	5.680592	7.951382	7.728779	7.951382	7.728779
390098	3740230	5.956377	5.700791	8.10405	7.758633	8.10405	7.758633	7.925973	7.591075	7.925973	7.591075	7.976174	7.638709	5.956377	5.700791	8.10405	7.758633	8.10405	7.758633
382957	3740576	10.36016	9.899271	13.97722	13.35683	13.97722	13.35683	13.72329	13.11536	13.72329	13.11536	13.86293	13.24846	10.36016	9.899271	13.97722	13.35683	13.97722	13.35683
390623	3740004	5.809661	5.616854	7.907857	7.647717	7.907857	7.647717	7.733585	7.48111	7.733585	7.48111	7.781188	7.526585	5.809661	5.616854	7.907857	7.647717	7.907857	7.647717
380096	3734974	18.08606	17.52751	24.32915	23.57518	24.32915	23.57518	23.9116	23.17069	23.9116	23.17069	24.18569	23.43722	18.08606	17.52751	24.32915	23.57518	24.32915	23.57518
389847	3741751	5.808903	5.63051	7.899403	7.658529	7.899403	7.658529	7.729919	7.494938	7.729919	7.494938	7.78101	7.543935	5.808903	5.63051	7.899403	7.658529	7.899403	7.658529
380473	3734491	19.86698	19.24517	26.70516	25.86681	26.70516	25.86681	26.24335	25.4198	26.24335	25.4198	26.55107	25.71886	19.86698	19.24517	26.70516	25.86681	26.70516	25.86681
389894	3738960	6.363134	6.123969	8.657708	8.332789	8.657708	8.332789	8.447267	8.139805	8.447267	8.139805	8.51692	8.199948	6.363134	6.123969	8.657708	8.332789	8.657708	8.332789
383041	3739433	11.64898	11.13405	15.69074	15.00859	15.69074	15.00859	15.40436	14.73523	15.40436	14.73523	15.56671	14.88973	11.64989	11.13405	15.69314	15.00884	15.69191	15.00884
379899	3739740	12.47173	12.12431	16.79843	16.33045	16.79843	16.33045	16.50936	16.04941	16.50936	16.04941	16.69033	16.22521	12.47173	12.12431	16.79843	16.33045	16.79843	16.33045
389193	3738664	6.625201	6.410442	9.009735	8.709358	9.009735	8.709358	8.808224	8.515732	8.808224	8.515732	8.865064	8.571076	6.625201	6.410442	9.009735	8.709358	9.009735	8.709358
384704	3739154	9.376913	9.029419	12.67216	12.20467	12.67216	12.20467	12.42857	11.96993	12.42857	11.96993	12.54488	12.08114	9.376913	9.029419	12.67216	12.20467	12.67216	12.20467
381437	3734112	29.01696	27.91753	38.88064	37.39415	38.88064	37.39415	38.20215	36.74169	38.20215	36.74169	38.69642	37.2172	29.01696	27.91753	38.88064	37.39415	38.88064	37.39415
390296	3737362	6.6214	6.262321	9.012497	8.52425	9.012497	8.52425	8.805242	8.333485	8.805242	8.333485	8.858206	8.384228	6.6214	6.262321	9.012497	8.52425	9.012497	8.52425
389492	3740248	6.022305	5.812121	8.189932	7.906308	8.189932	7.906308	8.01215	7.735241	8.01215	7.735241	8.064655	7.785182	6.022305	5.812121	8.189932	7.906308	8.189932	7.906308
389517	3739600	6.135014	5.943288	8.34441	8.084228	8.34441	8.084228	8.161755	7.907478	8.161755	7.907478	8.214554	7.958438	6.135014	5.943288	8.34441	8.084228	8.34441	8.084228
389536	3740757	5.880199	5.719719	7.99698	7.780062	7.99698	7.780062	7.824595	7.613787	7.824595	7.613787	7.875955	7.663475	5.880199	5.719719	7.99698	7.780062	7.99698	7.780062
390248	3737686	6.570683	6.214327	8.943526	8.458102	8.943526	8.458102	8.738217	8.268547	8.738217	8.268547	8.790827	8.319182	6.570683	6.214327	8.943526	8.458102	8.943526	8.458102
389459	3737689	6.802545	6.516982	9.25383	8.866384	9.25383	8.866384	9.042448	8.666665	9.042448	8.666665	9.09902	8.720946	6.802545	6.516982	9.25383	8.866384	9.25383	8.866384
382217	3738795	13.94308	13.05435	18.76008	17.57054	18.76008	17.57054	18.42631	17.25641	18.42631	17.25641	18.63424	17.44852	13.94308	13.05435	18.76008	17.57054	18.76008	17.57054
380194	3736308	18.38949	17.65859	24.70542	23.72361	24.70542	23.72361	24.28148	23.31522	24.28148	23.31522	24.57187	23.59378	18.38949	17.65859	24.70542	23.72361	24.70542	23.72361
388854	3740055	6.224711	6.015869	8.461298	8.179245	8.461298	8.179245	8.277326	8.004285	8.277326	8.004285	8.332983	8.057872	6.224711	6.015869	8.461298	8.179245	8.461298	8.179245
386767	3739844	7.400704	7.019304	10.03209	9.519224	10.03209	9.519224	9.826735	9.323267	9.826735	9.323267	9.905219	9.395998	7.400704	7.019304	10.03209	9.519224	10.03209	9.519224
388039	3738643	6.841914	6.53158	9.293852	8.874504	9.293852	8.874504	9.090794	8.682865	9.090794	8.682865	9.154195	8.742925	6.841914	6.53158	9.293852	8.874504	9.293852	8.874504
380825	3733609	20.63874	19.98432	27.74023	26.79809	27.74023	26.79809	27.25847	26.33246	27.25847	26.33246	27.57871	26.64147	20.63874	19.98432	27.74023	26.79809	27.74023	26.79809
381497	3733030	24.27099	22.95892	32.57626	30.82058	32.57626	30.82058	32	30.27555	32	30.27555	32.39188	30.64435	24.27099	22.95892	32.57626	30.82058	32.57626	30.82058
387362	3740183	7.022386	6.596375	9.525623	8.952669	9.525623	8.952669	9.327838	8.767413	9.327838	8.767413	9.399511	8.833024	7.022386	6.596375	9.525623	8.952669	9.525623	8.952669
388668	3737492	6.993432	6.791069	9.507551	9.232191	9.507551	9.232191	9.291862	9.024015	9.291862	9.024015	9.352471	9.083156	6.993432	6.791069	9.507551	9.232191	9.507551	9.232191
380507	3736370	19.90287	19.3593	26.73317	25.99626	26.73317	25.99626	26.27145	25.54622	26.27145	25.54622	26.58725	25.85574	19.90287	19.3593	26.73317	25.99626	26.73317	25.99626
380478	3736076	20.31229	19.87187	27.27835	26.68039	27.27835	26.68039	26.80689	26.2183	26.80689	26.2183	27.13093	26.53755	20.31229	19.87187	27.27835	26.68039	27.27835	26.68039
387306	3739448	7.051789	6.780773	9.569292	9.202317	9.569292	9.202317	9.367821	9.009085	9.367821	9.009085	9.437953	9.076311	7.051789	6.780773	9.569292	9.202317	9.569292	9.202317
386955	3740430	7.123302	6.849466	9.658796	9.2901	9.658796	9.2901	9.461482	9.100465	9.461482	9.100465	9.536071	9.171258	7.123302	6.849466	9.658796	9.2901	9.658796	9.2901
386883	3740498	7.127237	6.844282	9.663738	9.283304	9.663738	9.283304	9.466858	9.093785	9.466858	9.093785	9.541725	9.164428	7.127237	6.844282	9.663738	9.283304	9.663738	9.283304
387067	3741097	6.820925	6.589235	9.251603	8.939798	9.251603	8.939798	9.063608	8.758381	9.063608	8.758381	9.134158	8.825676	6.820925	6.589235	9.251603	8.939798	9.251603	8.939798
381098	3735252	25.70518	24.86986	34.46741	33.3467	34.46741	33.3467	33.868	32.76617	33.868	32.76617	34.2971	33.18153	25.70518	24.86986	34.46741	33.3467	34.46741	33.3467
381167	3735184	25.40792	24.8048	34.06001	33.25103	34.06001	33.25103	33.46844	32.67382	33.46844	32.67382	33.89601	33.09145	25.40792	24.8048	34.06001	33.25103	34.06001	33.25103
387129	3740300	7.098578	6.738653	9.626377	9.142469	9.626377	9.142469	9.429143	8.954304	9.429143	8.954304	9.502976	9.022719	7.098578	6.738653	9.626377	9.142469	9.626377	9.142469
381405	3733242	24.06263	23.2617	32.29963	31.22589	32.29963	31.22589	31.72772	30.6748	31.72772	30.6748	32.11505	31.049	24.06263	23.2617	32.29963	31.22589	32.29963	31.22589
381411	3733508	25.90507	24.69213	34.74909	33.12629	34.74909	33.12629	34.13732	32.54269	34.13732	32.54269	34.56355	32.9473	25.90507	24.69213	34.74909	33.12629	34.74909	33.12629
381414	3733803	26.98968	26.02505	36.18741	34.89446	36.18741	34.89446	35.55205	34.28075	35.55205	34.28075	36.00258	34.71487	26.98968	26.02505	36.18741	34.89446	36.18741	34.89446
387721	3742199	6.280084	6.064819	8.524773	8.234056	8.524773	8.234056	8.350949	8.067759	8.350949	8.067759	8.413315	8.127693	6.280084	6.064819	8.524773	8.234056	8.524773	8.234056
383262	3736996	14.11084	13.46233	18.99445	18.12482	18.99445	18.12482	18.64192	17.78802	18.64192	17.78802	18.84671	17.98226	14.11084	13.46233	18.99445	18.12482	18.99445	18.12482
382659	3737519	15.49322	14.74999	20.83131	19.83603	20.83131	19.83603	20.45563	19.47733	20.45563	19.47733	20.69108	19.69994	15.49322	14.74999	20.83131	19.83603	20.83131	19.83603
382237	3737492	17.08409	16.25311	22.94684	21.8384	22.94684	21.8384	22.54412	21.44935	22.54412	21.44935	22.81167	21.70255	17.08409	16.25311	22.95173	21.8384	22.95173	21.8384
381821	3737471	17.74765	17.00098	23.83585	22.83463	23.83585	22.83463	23.41545	22.43118	23.41545	22.43118	23.69657	22.69978	17.74765	17.00098	23.83585	22.83463	23.83585	22.83463
382575	3735031	15.98624	14.89981	21.53848	20.06276	21.53848	20.06276	21.21868	19.72204	21.21868	19.72204	21.45268	19.89964	16.00324	14.90178	21.62568	20.06627	21.62568	20.06522
382628.5	3735071	15.88493	14.67235	21.46241	19.76022	21.46241	19.76022	21.05644	19.76129	21.05644	19.38479	21.28737	19.59271	15.94563	14.67257	21.46241	19.76054	21.46241	19.76054
382704.9	3735128	15.46679	14.48857	21.0381	19.51465	21.0381	19.51465	20.6386	19.14184	20.6386	19.14184	20.86327	19.34613	15.62749	14.48857	21.0381	19.51465	21.0381	19.51465
382767.5	3735065	14.56937	13.6955	19.62984	18.62503	19.62984	18.59563	19.25265	18.34556	19.25265	18.34556	19.45532	18.53681	14.56937	13.86665	19.62984	18.7068	19.62984	18.7068
382828.6	3735107	14.45373	13.50802	19.4752	18.35968	19.4752	18.35938	19.10058	18.01037	19.10058	18.01037	19.30112	18.1967	14.45373	13.62578	19.4752	18.36619	19.4752	18.36619
382858.8	3735097	14.21637	13.37812	19.15957	18.09037	19.15957	18.09018	18.78965	17.79471	18.78965	17.79471	18.98529	17.97763	14.21637	13.42322	19.15957	18.1032	19.15957	18.0967
382915.1	3735162	14.20304	13.241	19.14071	17.85234	19.14071	17.85234	18.77149	17.50564	18.77149	17.50564	18.96717	17.68454	14.20304	13.241	19.14071	17.85271	19.14071	17.85271
383713	3735584	11.95418	11.20357	16.13749	15.13005	16.13749	15.13005	15.81529	14.82668	15.81529	14.82668	15.96809	14.96759	11.95418	11.20357	16.13749	15.13005	16.13749	15.13005
383722.9	3735566	11.88497	11.20078	16.04562	15.1047	16.04562	15.1047	15.72454	14.82301	15.72454	14.82301	15.87581	14.96378	11.88497	11.20078	16.04562	15.12651	16.04562	15.12651
383697.5	3735551	11.94171	11.25116	16.1212	15.19379	16.1212	15.19379	15.79926	14.88905	15.79926	14.88905	15.95173	15.03079	11.94171	11.25116	16.1212	15.19379	16.1212	15.19379
383513.6	3735351	12.07923	11.55504	16.30656	15.70118	16.30656	15.70118	15.98162	15.39078	15.98162	15.39078	16.13615	15.53782	12.07923	11.63191	16.30656	15.70227	16.30656	15.70227
382977.5	3735085	13.49752	12.84614	18.20398	17.32713	18.20398	17.32713	17.84925	17.19655	17.84925	17.19655	18.02808	17.34475	13.49837	12.84759	18.20398	17.51533	18.20398	17.44483
383145.9	3734712	12.95531	12.53582	17.48112	16.91276	17.48112	16.91276	17.13158	16.58736	17.13158	16.58736	17.30011	16.7387	12.95531	12.53582	17.48112	16.91276	17.48112	16.91276
383112.8	3734692	13.08081	12.7162	17.64871	17.15515	17.64871	17.15515	17.29726	16.82945	17.29726	16.82945	17.46825	16.98059	13.08081	12.7162	17.64871	17.15515	17.64871	17.15515
383065.6	3734773	13.2293	12.77946	17.84866	17.24207	17.84866	17.24207	17.49424	16.89864	17.49424	16.89864	17.66753	17.06575	13.2293	12.77946	17.84866	17.24207	17.84866	17.24207
382925.9	3734712	14.05718	13.36328	18.95295	18.00919	18.95295	18.00919	18.58011	17.66703	18.58011	17.66703	18.76952	17.83094	14.05718	13.36328	18.95295	18.00919	18.95295	18.00919
382903.6	3734755	14.10164	13.36323	19.01155	18.02094	19.01155	18.02094	18.63863	17.69032	18.63863	17.69032	18.82925	17.84398	14.10164	13.37027	19.01155	18.02094	19.01155	18.02094
382664.8	3734643	15.3376	14.64339	20.65734	19.72718	20.65734	19.72718	20.26059	19.34711	20.26059	19.34711	20.47687	19.55163	15.3376	14.64339	20.65734	19.72718	20.65734	19.72718
382810.4	3734273	15.06564	14.22538	20.29618	19.15821	20.29618	19.15821	19.90073	18.79113	19.90073	18.79564	20.1103	18.97756	15.06564	14.22538	20.29618	19.15821	20.29618	19.15821
382837.4	3734182	15.07858	14.25614	20.31541	19.14818	20.31541	19.14818	19.91767	18.79046	19.91767	18.83551	20.12648	18.98141	15.07858	14.25614	20.31541	19.16496	20.31541	19.16496

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
382763.3	3734087	15.65034	14.66631	21.07461	19.63067	21.07461	19.61472	20.66753	19.37239	20.66753	19.37334	20.88353	19.50479	15.65034	14.66631	21.07461	19.66641	21.07461	19.66641
382485.1	3733963	17.90657	16.97142	24.08409	22.83848	24.08409	22.83848	23.62902	22.40439	23.62902	22.40439	23.89503	22.65445	17.90657	16.9771	24.08409	22.83848	24.08409	22.83848
382173.4	3733819	21.48012	20.56316	28.84326	27.7388	28.84326	27.7388	28.31615	27.23128	28.31615	27.10543	28.65549	27.55766	21.48012	20.56316	28.84326	27.7388	28.84326	27.7388
382203.6	3733740	21.34801	20.43118	28.66869	27.44517	28.66869	27.44517	28.1431	26.94105	28.1431	26.93288	28.47901	27.26238	21.34801	20.43118	28.66869	27.44517	28.66869	27.44517
382087.1	3733719	23.09493	22.20799	30.99475	29.80361	30.99475	29.80361	30.43289	29.26212	30.43289	29.26212	30.80468	29.61973	23.09493	22.20799	30.99475	29.80361	30.99475	29.80361
382088.9	3733645	23.42418	22.2845	31.43441	29.90637	31.43441	29.90637	30.86456	29.36232	30.86456	29.36232	31.24251	29.72107	23.42418	22.2845	31.43441	29.90637	31.43441	29.90637
382015.6	3733643	24.81242	23.72445	33.28273	31.82369	33.28273	31.82369	32.68437	31.24972	32.68437	31.24972	33.09095	31.63798	24.81242	23.72445	33.28273	31.82369	33.28273	31.82369
382015.2	3733608	24.95851	23.80367	33.47765	31.92956	33.47765	31.92956	32.87621	31.35374	32.87621	31.35374	33.28559	31.74348	24.95851	23.80367	33.47765	31.92956	33.47765	31.92956
382530.1	3735089	17.34128	15.49277	23.31858	20.998	23.31858	20.91491	22.88559	20.63487	22.88559	20.63487	23.14632	20.86311	17.34128	15.57906	23.31858	21.0292	23.31858	21.0292
382552.6	3735060	16.52771	15.02519	22.4716	20.23145	22.4716	20.2294	22.05152	20.19398	22.05152	19.96048	22.2986	20.31411	16.70421	15.02801	22.4716	20.25528	22.4716	20.23358
382601.8	3735051	15.94412	14.78918	21.5587	19.91663	21.5587	19.91576	21.15188	19.65964	21.15188	19.53954	21.38451	19.74998	16.01822	14.79037	21.5587	19.91732	21.5587	19.91732
382666.7	3735100	15.70923	14.62331	21.27745	19.69477	21.27745	19.69477	20.87395	19.43541	20.87395	19.31931	21.10197	19.5262	15.80673	14.62331	21.27745	19.69477	21.27745	19.69477
382736.2	3735096	14.98469	14.11154	20.18283	19.01349	20.18283	19.01349	19.79676	18.64797	19.79676	18.64797	20.00805	18.84415	14.98469	14.11154	20.18283	19.01349	20.18283	19.01349
382798	3735086	14.52701	13.60118	19.57324	18.49865	19.57324	18.49865	19.19685	18.14288	19.19685	18.14288	19.39879	18.33109	14.52701	13.72638	19.57324	18.50062	19.57324	18.50062
382887	3735129	14.23294	13.35807	19.18126	18.03537	19.18126	18.03537	18.81091	17.68516	18.81091	17.68516	19.00691	17.86656	14.23294	13.37773	19.18126	18.03557	19.18126	18.03557
382957.1	3735184	14.0303	13.04006	18.91047	17.59184	18.91047	17.58304	18.54518	17.25109	18.54518	17.25109	18.73754	17.42637	14.0303	13.04661	18.91047	17.59333	18.91047	17.59333
382999.1	3735206	13.89475	12.86163	18.7301	17.35783	18.7301	17.34503	18.36649	17.02661	18.36649	17.02661	18.55583	17.19855	13.89475	12.87569	18.7301	17.36539	18.7301	17.36539
383041.1	3735228	13.80041	12.69241	18.60432	17.14575	18.60432	17.07695	18.24197	16.81236	18.24197	16.81236	18.42939	16.98129	13.80041	12.71218	18.60432	17.14699	18.60432	17.14699
383083.1	3735251	13.73579	12.57019	18.5176	16.95675	18.5176	16.95675	18.15652	16.62531	18.15652	16.62531	18.34278	16.79148	13.73579	12.57019	18.5176	16.95711	18.5176	16.95711
383125.1	3735273	13.63802	12.41849	18.38639	16.75288	18.38639	16.75288	18.0279	16.42539	18.0279	16.42539	18.21257	16.58879	13.63802	12.41849	18.38639	16.75427	18.38639	16.75427
383167	3735295	13.50879	12.28856	18.21305	16.57697	18.21305	16.57807	17.85833	16.25339	17.85833	16.25339	18.04107	16.4143	13.50879	12.28856	18.21305	16.58041	18.21305	16.58041
383209	3735317	13.37564	12.14308	18.0345	16.3849	18.0345	16.3849	17.68318	16.0897	17.68318	16.0615	17.86373	16.24853	13.37564	12.16462	18.0345	16.4141	18.0345	16.4141
383251	3735339	13.24995	11.96984	17.86617	16.15326	17.86617	16.15326	17.51749	15.96975	17.51749	15.96975	17.69581	16.1272	13.24995	12.07355	17.86617	16.2917	17.86617	16.2917
383293	3735362	13.1146	11.79969	17.6852	16.10999	17.6852	16.07449	17.33968	15.9122	17.33968	15.9122	17.51555	16.06922	13.1146	12.02993	17.6852	16.23259	17.6852	16.23259
383335	3735384	12.98209	11.76387	17.50826	16.0802	17.50826	16.0595	17.16606	15.76202	17.16606	15.76202	17.33947	15.91671	12.98209	11.9158	17.50826	16.08042	17.50826	16.08042
383377	3735406	12.86077	11.70846	17.34639	15.84747	17.34639	15.84747	17.00672	15.53331	17.00672	15.53331	17.17781	15.68474	12.86077	11.7412	17.34639	15.8475	17.34639	15.8475
383419	3735428	12.7308	11.648	17.17288	15.73988	17.17288	15.73988	16.83632	15.42731	16.83632	15.42731	17.0049	15.57712	12.7308	11.66055	17.17288	15.73994	17.17288	15.73994
383461	3735451	12.6193	11.59664	17.02422	15.65438	17.02422	15.65438	16.68957	15.34345	16.68957	15.34345	16.85593	15.49216	12.6193	11.59664	17.02422	15.65451	17.02422	15.65451
383503	3735473	12.51608	11.5342	16.88671	15.57096	16.88671	15.57075	16.55352	15.26147	16.55352	15.26147	16.71773	15.4089	12.51608	11.5342	16.88671	15.57108	16.88671	15.57108
383545	3735495	12.40369	11.46103	16.73683	15.47263	16.73683	15.47263	16.40579	15.16559	16.40579	15.16559	16.56765	15.31169	12.40369	11.46103	16.73683	15.47343	16.73683	15.47343
383587	3735517	12.28216	11.40956	16.57476	15.39393	16.57476	15.39726	16.24638	15.09748	16.24638	15.09748	16.40588	15.24249	12.28216	11.40956	16.57476	15.40482	16.57476	15.40482
383629	3735539	12.15155	11.35276	16.40045	15.32918	16.40045	15.32918	16.07525	15.0225	16.07525	15.0225	16.23239	15.16631	12.15155	11.35276	16.40045	15.32918	16.40045	15.32918
383671	3735562	12.05333	11.28401	16.26963	15.2375	16.26963	15.2375	15.94581	14.93212	15.94581	14.93212	16.1008	15.07457	12.05333	11.28401	16.26963	15.2375	16.26963	15.2375
383666.9	3735518	11.96843	11.25391	16.15708	15.18065	16.15708	15.18065	15.83492	14.8927	15.83492	14.8927	15.98792	15.03425	11.96843	11.25391	16.15708	15.19783	16.15708	15.19783
383636.2	3735484	11.9932	11.23416	16.19036	15.17034	16.19036	15.17034	15.86796	14.87953	15.86796	14.87953	16.02132	15.02079	11.9932	11.24366	16.19036	15.18445	16.19036	15.18445
383605.5	3735451	12.03385	11.24585	16.24501	15.38253	16.24501	15.38253	15.92115	15.08734	15.92115	15.08734	16.07511	15.23184	12.03385	11.40202	16.24501	15.39549	16.24501	15.39549
383574.9	3735417	12.06172	11.29187	16.28259	15.3568	16.28259	15.3279	15.95779	15.27239	15.95779	15.27239	16.11219	15.41975	12.06172	11.54289	16.28259	15.57523	16.28259	15.57523
383544.2	3735384	12.07678	11.35811	16.30296	15.36493	16.30296	15.33563	15.97794	15.35072	15.97794	15.35072	16.13238	15.49434	12.07678	11.59923	16.30296	15.65809	16.30296	15.65809
383468.9	3735329	12.17005	11.53947	16.42755	15.74473	16.42755	15.71873	16.10144	15.46842	16.10144	15.46842	16.25798	15.61766	12.17005	11.69184	16.42755	15.7826	16.42755	15.7826
383424.2	3735306	12.28502	11.56675	16.58094	15.80482	16.58094	15.77342	16.25236	15.52649	16.25236	15.52649	16.41107	15.67396	12.28502	11.73397	16.58094	15.83884	16.58094	15.83884
383379.6	3735284	12.40445	11.70103	16.74034	15.79713	16.74034	15.79543	16.40908	15.58679	16.40908	15.58679	16.56996	15.73495	12.40445	11.77972	16.74034	15.90048	16.74034	15.90048
383334.9	3735262	12.53227	11.82885	16.91128	15.96581	16.91128	15.96581	16.5769	15.66034	16.5769	15.66034	16.74017	15.81258	12.53227	11.83746	16.91128	15.978	16.91128	15.978
383290.2	3735240	12.66168	11.8935	17.08462	16.052	17.08462	16.052	16.74705	15.74344	16.74705	15.74344	16.91251	15.89285	12.66168	11.89775	17.08462	16.05911	17.08462	16.05911
383245.6	3735218	12.77601	12.06617	17.23788	16.28187	17.23788	16.28187	16.89781	15.96945	16.89781	15.96945	17.06521	16.11641	12.77601	12.06617	17.23788	16.28428	17.23788	16.28428
383200.9	3735196	12.89535	12.26795	17.39845	16.55248	17.39845	16.55248	17.05533	16.24184	17.05533	16.24184	17.22444	16.39126	12.89535	12.27149	17.39845	16.55413	17.39845	16.55413
383156.2	3735174	13.04291	12.40262	17.59685	16.73439	17.59685	16.73439	17.24954	16.42551	17.24954	16.42551	17.42049	16.58699	13.04291	12.41783	17.59735	16.75736	17.59735	16.75623
383111.5	3735152	13.26079	12.50086	17.88882	16.86562	17.88882	16.86562	17.53764	16.5554	17.53764	16.5554	17.71244	16.71859	13.26207	12.51562	17.88882	16.88858	17.88882	16.88708
383066.9	3735130	13.40226	12.67719	18.07791	17.03018	18.07791	17.03018	17.72455	16.78765	17.72455	16.78765	17.89944	16.8811	13.40398	12.69195	18.07791	17.03286	18.07791	17.03018
383022.2	3735107	13.46258	12.81696	18.15794	17.2884	18.15794	17.2884	17.80402	16.99066	17.80402	16.99066	17.98086	17.12676	13.46403	12.83243	18.15794	17.2884	18.15794	17.2884
382996.2	3735044	13.42054	12.62298	18.10253	17.03142	18.10253	17.03142	17.74728	16.93876	17.74728	16.93876	17.92523	17.1079	13.42054	12.6691	18.10253	17.24982	18.10253	17.18952
383014.9	3735002	13.28703	12.63071	17.92574	17.04297	17.92574	17.04297	17.57246	16.93955	17.57552	16.9408	17.74717	17.10803	13.28703	12.74967	17.92574	17.12807	17.92574	17.04997
383033.7	3734961	13.25734	12.63736	17.88688	17.05278	17.88688	17.05278	17.53347	16.8123	17.53347	16.8123	17.70724	16.87923	13.25734	12.63736	17.88688	17.05278	17.88688	17.05278
383052.4	3734919	13.20279	12.63407	17.81442	17.04875	17.81442	17.04875	17.46173	16.73024	17.46173	16.73024	17.63422	16.8747	13.20279	12.64927	17.81442	17.04875	17.81442	17.04875
383071.1	3734878	13.14215	12.61424	17.73333	17.02202	17.73333	17.02202	17.38147	16.68406	17.38147	16.68406	17.55285	16.84808	13.14215	12.61424	17.73333	17.02202	17.73333	17.02202
383089.8	3734836	13.10538	12.58461	17.68349	16.98159	17.68349	16.97246	17.33203	16.64408	17.33203	16.64408	17.50288	16.80782	13.10538	12.58461	17.68349	16.98159	17.68349	16.98159
383108.5	3734795	13.05489	12.54148	17.61507	16.91573	17.61507	16.91573	17.26429	16.60184	17.26429	16.60184	17.43452	16.7655	13.05489	12.55386	17.61507	16.93904	17.61507	16.93904
383127.2	3734754	13.00278	12.54121	17.54474	16.92123	17.54474	16.92123	17.19475	16.58464	17.19475	16.58619	17.36415	16.74766	13.00278	12.54121	17.54474	16.92123	17.54474	16.92123
383089.2	3734733	13.14604	12.74707	17.73644	17.1974	17.73644	17.1974	17.3842	16.87279	17.3842	16.85685	17.55629	17.02215	13.14604	12.74707	17.73644	17.1974	17.73644	17.1974
383030.6	3734758	13.45388	12.92322	18.14915	17.43483	18.14915	17.43483	17.78909	17.10608	17.78909	17.08835	17.96631	17.25793	13.45388	12.92322	18.14915	17.43483	18.14915	17.43483
382995.7	3734743	13.67549	13.18764	18.44491	17.78796	18.44491	17.78796	18.08004	17.45114	18.08004	17.45252	18.26147	17.60938	13.67549	13.18764	18.44491	17.78796	18.44491	17.78796
382960.8	3734727	13.88667	13.27627	18.712	17.89526	18.712	17.89526	18.35665	17.56614	18.35665	17.56614	18.5284	17.73118	13.88667	13.27627	18.712	17.89526	18.712	17.89526
382863.8	3734736	14.30637	13.60055	19.28374	18.32054	19.28374	18.32054	18.90681	17.99063	18.90681	17.99063	19.10185	18.14817	14.30637	13.60055	19.28374	18.32054	19.28374	18.32054
382824	3734718	14.52743	13.74102	19.57831	18.52395	19.57831	18.45885	19.19654	18.17387	19.19654	18.17387	19.39604	18.36003	14.52743	13.74102	19.57831	18.52395	19.57831	18.52395
382784.2	3734699	14.74613	13.98814	19.86979	18.85332	19.86979	18.85332	19.48367	18.49686	19.48367	18.49686	19.6876	18.68799	14.74613	13.99546	19.86979	18.86419	19.86979	18.86419
382744.4	3734681	14.94909	14.10556	20.14013	19.01031	20.14013	19.00203	19.75053	18.64159	19.75053	18.64159	19.95864	18.83489	14.94909	14.10556	20.14013	19.01115	20.14013	19.01115
382704.6	3734662	15.12684	14.43866	20.37664	19.45491	20.37664	19.45491	19.98466	19.07821	19.98466	19.07821	20.19672	19.27817	15.12684	14.43866	20.37664	19.45491	20.37664	19.45491
382683	3734597	15.35393	14.65157	20.67994	19.73898	20.67994	19.73898	20.28184	19.35798	20.28184	19.35798	20.49801	19.56223	15.35393	14.65157	20.67994	19.73898	20.67994	19.73898
382701.2	3734551	15.31584	14.58488	20.6289	19.64987	20.6289	19.64987	20.23123	19.26978	20.23123	19.26978	20.44669	19.47267	15.31584	14.58488	20.6289	19.64987	20.6289	19.64987
382719.4	3734504	15.27121	14.49199	20.56905	19.52575	20.56905	19.52575	20.17204	19.14706	20.17204	19.14706	20.38666	19.34809	15.27121	14.49199	20.56905	19.52575	20.56905	19.52575
382737.6	3734458	15.22832	14.39895	20.51168	19.391	20.51168	19.391	20.11521	19.02455	20.11521	19.02455	20.32892	19.21522	15.22832	14.39895	20.51168	19.39303	20.51168	19.39303
382755.8	3734412	15.20002	14.34313	20.47427	19.32098	20.47427	19.28268	20.07767	18.95344	20.07767	18.95344	20.29056	19.14232	15.20002	14.34477	20.47427	19.32098	20.47427	19.32098
382774	3734365	15.1503	14.34876	20.40816	19.33234	20.40816	19.28634	20.01218	18.95514	20.01218	18.95803	20.22401	19.153	15.1503	14.34876	20.40816	19.33234	20.40816	19.33234
382792.2	3734319	15.10663	14.31668	20.35042	19.27428	20.35042	19.27428	19.9547	18.91323	19.9547	18.91564	20.16538	19.11027	15.10663	14.31668	20.35042	19.29039	20.35042	19.28068
382823.9	3734227	15.07524	14.24266	20.31002	19.11751	20.31002	19.11751	19.91324	18.74153	19.91324	18.81813	20.12256	18.93525	15.07524	14.24266	20.31002	19.11751	20.31002	19.11751
382812.7	3734150	15.25854	14.34166	20.55343	19.24834	20.55343	19.23299	20.1538	18.94746	20.1538	18.94746	20.36406	19.10786	15.25854	14.34166	20.55343	19.29104	20.55343	19.27985
382788	3734119	15.45919	14.52535	20.82027	19.4355	20.82027	19.41995	20.41671	19.16209	20.41671	19.18853	20.62985	19.30488	15.45919	14.52535	20.82027	19.47422	20.82027	19.47422
382723.6	3734069	15.9173	15.0243	21.39919	20.07449	21.39649	20.06898	21.01559	19.81608	21.01791	19.8423	21.23809	19.95829	15.9173	15.0243	21.42996	20.11093	21.42996	20.09522
382683.8	3734052	16.18326	15.36729	21.78395	20.56648	21.78395	20.55044	21.36689	20.28996	21.36689	20.29262	21.59133	20.42899	16.18326	15.36729	21.78395	20.60825	21.78395	20.60825
382644.1	3734034	16.53895	15.73784	22.25717	21.13331	22.25717	21.11694	21.8337	20.77438	21.8337	20.77852	22.0689	20.97637	16.53895	15.73784	22.26141	21.16213	22.26141	21.16213
382604.3	3734016	16.88558	16.08618	22.72494	21.64571	22.72494	21.64571	22.28887	21.22843	22.28887	21.23573	22.53332	21.45983	16.88558	16.08618	22.72494	21.64571	22.72494	21.64571
382564.6	3733999	17.24289	16.37071	23.20088	22.03216	23.20088	22.03216	22.75797	21.60883	22.75797	21.60883	23.00987	21.84581	17.24289	16.37071	23.20088	22.03216	23.20088	22.03216
382524.8	3733981	17.57095	16.72801	23.63741	22.50752	23.63741	22.50752	23.18874	22.07734	23.18874	22.07734	23.44773	22.32186	17.57095	16.72801	23.63741	22.50752	23.63741	22.50752
382440.6	3733943	18.29436	17.36991	24.6005	23.3707	24.6005	23.3707	24.13765	22.92844	24.13765	22.92844	24.41163	23.18693	18.29436	17.36991	24.6005	23.3707	24.6005	23.3707
382396	3733922	18.72061	17.97182	25.16829	24.16272	25.16829	24.16272	24.69693	23.70821	24.69693	23.70821	24.97963	23.97877	18.72061	17.97182	25.16829	24.16272	25.16829	24.16272
382351.5	3733901	19.17211	18.65338	25.76922	25.06973	25.76922	25.06973	25.2892	24.60141	25.2892	24.60141	25.58136	24.88628	19.17211	18.65338	25.76922	25.06973	25.76922	25.06973
382307	3733881	19.70673	19.32561	26.48132	25.96509	26.48132	25.96509	25.99047	25.48243	25.99047	25.48243	26.29361	25.78093	19.70673	19.32561	26.48132	25.96509	26.48132	25.96509
382262.4	3733860	20.24998	19.72874	27.20471	26.50175	27.20471	26.50175	26.70324	26.01214	26.70324	26.01214	27.01756	26.31927	20.24998	19.72874	27.20471	26.50175	27.20471	26.50175

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
382217.9	3733840	20.86257	20.15193	28.02058	27.06513	28.02058	27.06513	27.50673	26.56758	27.50673	26.56758	27.83352	26.88341	20.86257	20.15193	28.02058	27.06513	28.02058	27.06513
382188.5	3733780	21.42069	20.5419	28.76483	27.59619	28.76483	27.59619	28.23838	27.09034	28.23838	27.07977	28.57615	27.41425	21.42069	20.5419	28.76483	27.59619	28.76483	27.59619
382165.1	3733729	21.80766	21.1287	29.28015	28.3657	29.28015	28.3657	28.7451	27.84689	28.7451	27.84689	29.09068	28.18268	21.80766	21.1287	29.28015	28.3657	29.28015	28.3657
382125.9	3733726	22.33775	21.60871	29.98647	29.00554	29.98647	29.00554	29.44047	28.47646	29.44047	28.47646	29.79681	28.82179	22.33775	21.60871	29.98647	29.00554	29.98647	29.00554
382088	3733682	23.25857	22.25085	31.21321	29.86107	31.21321	29.86107	30.64739	29.31808	30.64739	29.31808	31.02222	29.67638	23.25857	22.25085	31.21321	29.86107	31.21321	29.86107
382052.3	3733644	24.09343	23.0039	32.32551	30.86414	32.32551	30.86414	31.74178	30.30522	31.74178	30.30522	32.13359	30.67873	24.09343	23.0039	32.32551	30.86414	32.32551	30.86414
381977.3	3733607	25.59534	24.54197	34.32584	32.91265	34.32584	32.91265	33.71168	32.32193	33.71168	32.32193	34.13417	32.72686	25.59534	24.54197	34.32584	32.91265	34.32584	32.91265
382569.5	3735119	17.3526	15.62094	23.33386	21.02117	23.33386	21.02117	22.89927	20.84496	22.89927	20.62676	23.15999	20.85511	17.3526	15.62094	23.33386	21.02117	23.33386	21.02117
382609	3735150	17.29095	15.40302	23.25172	20.73067	23.25172	20.73067	22.81769	20.90102	22.81769	20.34052	23.07698	20.5644	17.29095	15.40302	23.25172	20.73067	23.25172	20.73067
382648.5	3735181	17.14088	15.43789	23.05092	20.7762	23.05092	20.7762	22.62005	20.5383	22.62005	20.38474	22.87661	20.60961	17.14088	15.43789	23.05092	20.7762	23.05092	20.7762
382515.2	3735111	17.77219	15.96758	23.89104	21.48201	23.89104	21.48201	23.44943	21.49722	23.44943	21.08082	23.71948	21.31654	17.77219	15.96758	23.89104	21.48201	23.89104	21.48201
382740.6	3735163	15.51619	14.32617	20.88852	19.29726	20.88852	19.29726	20.49242	18.92796	20.49242	18.92796	20.7154	19.12943	15.51619	14.32617	20.88852	19.29726	20.88852	19.29726
382744.4	3735213	16.01636	14.38577	21.55222	19.37413	21.55222	19.37413	21.14665	19.09564	21.14665	19.00444	21.38087	19.20809	16.01636	14.38577	21.55222	19.37413	21.55222	19.37413
382678.6	3735218	17.15076	15.19459	23.0625	20.56809	23.0625	20.56809	22.63216	20.18958	22.63216	20.12378	22.88952	20.40239	17.15076	15.28279	23.0625	20.56809	23.0625	20.56809
382807.6	3735167	14.82115	13.93645	19.96275	18.77806	19.96275	18.77806	19.5815	18.65497	19.5815	18.64047	19.79042	18.85213	14.82115	14.11855	19.96275	19.02056	19.96275	19.02056
382780.1	3735248	15.85012	14.50208	21.32944	19.52759	21.32944	19.52759	20.92822	19.15559	20.92822	19.15559	21.15982	19.36215	15.85012	14.50208	21.32944	19.68869	21.32944	19.62919
382843.3	3735202	14.69654	14.00915	19.79585	18.87349	19.79585	18.87349	19.41766	18.51121	19.41766	18.51121	19.62451	18.70687	14.69654	14.00915	19.79585	18.87349	19.79585	18.87349
382875.1	3735144	14.37472	13.42667	19.36969	18.10015	19.36969	18.10015	18.99672	17.74972	18.99672	17.74972	19.19584	17.93236	14.37472	13.42711	19.36969	18.10081	19.36969	18.10081
382891.3	3735191	14.43445	13.42816	19.44775	18.09891	19.44775	18.09891	19.07437	17.88395	19.07437	17.88395	19.2754	18.06946	14.43445	13.53024	19.44775	18.2365	19.44775	18.2365
382854.2	3735251	14.86443	14.02458	20.01803	18.89228	20.01803	18.89228	19.63708	18.53056	19.63708	18.53056	19.84804	18.7273	14.86443	14.02458	20.01803	18.89228	20.01803	18.89228
382907.6	3735238	14.36432	13.49087	19.35241	18.1818	19.35241	18.1818	18.98192	17.83147	18.98192	17.83147	19.18242	18.01718	14.36432	13.49087	19.35241	18.1818	19.35241	18.1818
382975.7	3735250	14.11791	12.97552	19.02555	17.49538	19.02555	17.49538	18.6584	17.15683	18.6584	17.15683	18.85316	17.33167	14.11791	12.97552	19.02555	17.49631	19.02555	17.49631
383017.7	3735273	14.0286	12.74561	18.9061	17.18869	18.9061	17.18869	18.5402	16.85468	18.5402	16.85468	18.73317	17.02518	14.0286	12.74561	18.9061	17.35022	18.9061	17.29332
383059.7	3735295	13.96805	12.66558	18.82555	17.08238	18.82555	17.08238	18.46045	16.74975	18.46045	16.74975	18.65206	16.92335	13.96805	12.66558	18.82555	17.08975	18.82555	17.08975
383101.7	3735317	13.87333	12.57847	18.69888	16.96548	18.69888	16.96548	18.33592	16.71943	18.33592	16.63443	18.52597	16.91114	13.87333	12.57847	18.69888	17.07569	18.69888	17.07569
383143.7	3735339	13.74858	12.47738	18.53188	16.89521	18.53188	16.89521	18.17237	16.66027	18.17237	16.56397	18.36022	16.82803	13.74858	12.54109	18.53188	16.99321	18.53188	16.99321
383185.7	3735361	13.61053	12.34616	18.3471	16.83709	18.3471	16.83709	17.99143	16.58285	17.99143	16.50605	18.17688	16.74949	13.61053	12.54104	18.3471	16.91509	18.3471	16.91509
383227.7	3735384	13.48024	12.33084	18.17266	16.63407	18.17266	16.63407	17.81965	16.33213	17.81965	16.30673	18.0028	16.49532	13.48024	12.3502	18.17266	16.65977	18.17266	16.65977
383269.7	3735406	13.338	12.15451	17.98252	16.39812	17.98252	16.39812	17.63256	16.12268	17.63256	16.12268	17.81319	16.28319	13.338	12.19063	17.98252	16.44622	17.98252	16.44622
383311.7	3735428	13.18774	12.10991	17.78166	16.33837	17.78166	16.33837	17.43552	16.01668	17.43552	16.01668	17.61332	16.17573	13.18774	12.10991	17.78166	16.33837	17.78166	16.33837
383353.6	3735450	13.05539	11.93831	17.60508	16.10949	17.60508	16.10949	17.26182	15.79189	17.26182	15.79189	17.43714	15.94769	13.05539	11.93831	17.60508	16.10949	17.60508	16.10949
383395.6	3735473	12.91893	11.80781	17.42297	15.93563	17.42297	15.93563	17.08288	15.62036	17.08288	15.62036	17.25561	15.77343	12.91893	11.80781	17.42297	15.93563	17.42297	15.93563
383437.6	3735495	12.7947	11.74456	17.25727	15.85109	17.25727	15.85109	16.91964	15.53731	16.91964	15.53731	17.08989	15.68912	12.7947	11.74456	17.25727	15.85109	17.25727	15.85109
383479.6	3735517	12.68516	11.67121	17.11127	15.75313	17.11127	15.75313	16.77526	15.44107	16.77526	15.44107	16.94318	15.59165	12.68516	11.67121	17.11127	15.75313	17.11127	15.75313
383521.6	3735539	12.56895	11.59335	16.95629	15.64908	16.95629	15.64908	16.62246	15.33912	16.62246	15.33912	16.78796	15.48817	12.56895	11.59335	16.95629	15.64908	16.95629	15.64908
383563.6	3735561	12.44403	11.53354	16.78967	15.56943	16.78967	15.56943	16.4584	15.26025	16.4584	15.26025	16.62148	15.40806	12.44403	11.53354	16.78967	15.56943	16.78967	15.56943
383605.6	3735584	12.31066	11.47667	16.61174	15.49365	16.61174	15.49365	16.28364	15.18508	16.28364	15.18508	16.44419	15.33169	12.31066	11.47667	16.61174	15.49365	16.61174	15.49365
383647.6	3735606	12.19404	11.40836	16.45629	15.38253	16.45629	15.38573	16.13039	15.09519	16.13039	15.09519	16.28867	15.24042	12.19404	11.40836	16.45629	15.40259	16.45629	15.40259
383689.6	3735628	12.09222	11.31323	16.32068	15.2757	16.32068	15.2757	15.99623	14.97039	15.99623	14.97039	16.15236	15.1138	12.09222	11.31323	16.32068	15.2757	16.32068	15.2757
382952.3	3735295	14.24144	13.36306	19.18838	18.01032	19.18838	18.01032	18.81976	17.66379	18.81976	17.66379	19.01785	17.84746	14.24144	13.36306	19.18838	18.01032	19.18838	18.01032
382994.3	3735317	14.1094	13.25838	19.01207	17.87038	19.01207	17.87038	18.6456	17.52526	18.6456	17.49246	18.8411	17.70697	14.1094	13.25838	19.01207	17.87038	19.01207	17.87038
383036.3	3735339	14.05819	13.02073	18.94419	17.55382	18.94419	17.55382	18.57825	17.21443	18.57825	17.21443	18.7724	17.39148	14.05819	13.02073	18.94419	17.55382	18.94419	17.55382
383078.3	3735361	13.96984	12.9362	18.82618	17.44094	18.82618	17.44094	18.46212	17.1026	18.46212	17.1026	18.65463	17.27786	13.96984	12.9362	18.82618	17.44094	18.82618	17.44094
383120.3	3735383	13.86322	12.84094	18.6839	17.3141	18.6839	17.3141	18.32257	16.97686	18.32257	16.97686	18.51301	17.15004	13.86322	12.84094	18.6839	17.3141	18.6839	17.3141
383162.3	3735406	13.72249	12.65995	18.49561	17.07297	18.49561	17.07297	18.13834	16.78242	18.13834	16.73882	18.3265	16.90819	13.72249	12.65995	18.49561	17.11737	18.49561	17.07297
383204.3	3735428	13.60481	12.45464	18.33836	16.79874	18.33836	16.79874	17.98318	16.57929	17.98318	16.46919	18.16906	16.74646	13.60481	12.53866	18.33836	16.91064	18.33836	16.91064
383246.3	3735450	13.45315	12.30747	18.13539	16.62428	18.13539	16.60148	17.78361	16.3286	17.78361	16.316	17.9668	16.49259	13.45315	12.34766	18.13539	16.65498	18.13539	16.65498
383288.3	3735472	13.29916	12.25523	17.92956	16.53147	17.92956	16.49487	17.5815	16.20729	17.5815	16.20729	17.76188	16.36957	13.29916	12.25523	17.92956	16.53147	17.92956	16.53147
383330.3	3735495	13.16137	12.10664	17.7456	16.33331	17.7456	16.33331	17.40086	16.01249	17.40086	16.01249	17.57863	16.17187	13.16137	12.10664	17.7456	16.33331	17.7456	16.33331
383372.3	3735517	13.02598	12.00243	17.56496	16.19427	17.56496	16.19427	17.22323	15.87558	17.22323	15.87558	17.39843	16.03296	13.02598	12.00243	17.56496	16.19427	17.56496	16.19427
383414.3	3735539	12.89654	11.83691	17.39227	15.97365	17.39227	15.97365	17.05327	15.65854	17.05327	15.65854	17.22587	15.81249	12.89654	11.83691	17.39227	15.97365	17.39227	15.97365
383456.3	3735561	12.78025	11.67913	17.23734	15.76327	17.23734	15.76327	16.90013	15.45161	16.90013	15.45161	17.07034	15.60257	12.78025	11.67913	17.23734	15.76327	17.23734	15.76327
383498.3	3735583	12.66433	11.51768	17.0828	15.54791	17.0828	15.54791	16.74749	15.24011	16.74749	15.24011	16.91543	15.38792	12.66433	11.51768	17.0828	15.54791	17.0828	15.54791
383540.2	3735606	12.54001	11.37279	16.91703	15.35483	16.91703	15.35483	16.58421	15.04997	16.58421	15.04997	16.74955	15.19495	12.54001	11.37279	16.91703	15.35483	16.91703	15.35483
383582.2	3735628	12.40721	11.29492	16.73982	15.25109	16.73982	15.25109	16.41009	14.94728	16.41009	14.94728	16.57294	15.09048	12.40721	11.29492	16.73982	15.25109	16.73982	15.25109
383624.2	3735650	12.276	11.23435	16.56473	15.17035	16.56473	15.17035	16.23799	14.86745	16.23799	14.86745	16.39835	15.00938	12.276	11.23435	16.56473	15.17035	16.56473	15.17035
383666.2	3735672	12.17464	11.1596	16.42976	15.07061	16.42976	15.07061	16.1045	14.76938	16.1045	14.76938	16.26253	14.90992	12.17464	11.1596	16.42976	15.07061	16.42976	15.07061
382886.9	3735317	15.04488	13.98487	20.2565	19.04861	20.2565	19.04861	19.87262	18.47728	19.87262	18.44438	20.08801	18.88523	15.04488	14.14357	20.2565	19.04861	20.2565	19.04861
382928.9	3735339	14.72462	13.84561	19.83033	18.71805	19.83033	18.71805	19.45239	18.29505	19.45239	18.29505	19.661	18.5558	14.72462	13.89561	19.83033	18.71805	19.83033	18.71805
382970.9	3735361	14.4867	13.65555	19.51315	18.39787	19.51315	18.39787	19.13956	18.04511	19.13956	18.01551	19.34328	18.2355	14.4867	13.65555	19.51315	18.39787	19.51315	18.39787
383012.9	3735383	14.28117	13.48671	19.24005	18.18831	19.24005	18.18831	18.8701	17.83955	18.8701	17.72025	19.0694	18.02678	14.28117	13.4982	19.24005	18.18831	19.24005	18.18831
383054.9	3735405	14.04096	13.32354	18.91955	17.95537	18.91955	17.95537	18.55494	17.6096	18.55494	17.3236	18.74953	17.79341	14.04096	13.32354	18.91955	17.95537	18.91955	17.95537
383096.9	3735428	13.81009	13.14086	18.61201	17.71243	18.61201	17.71243	18.25266	17.36966	18.25266	17.28626	18.44261	17.54945	13.81009	13.14086	18.61201	17.71243	18.61201	17.71243
383138.9	3735450	13.67907	13.05029	18.43722	17.59196	18.43722	17.59196	18.08135	17.2502	18.08135	17.1611	18.26893	17.42789	13.67907	13.05029	18.43722	17.59196	18.43722	17.59196
383180.9	3735472	13.56971	12.86673	18.29111	17.34699	18.29111	17.34699	17.93752	17.00911	17.93752	17.00911	18.12293	17.18333	13.56971	12.86673	18.29111	17.34699	18.29111	17.34699
383222.9	3735494	13.42991	12.60422	18.10401	16.99623	18.10401	16.99623	17.75336	16.66483	17.75336	16.66483	17.93639	16.83427	13.42991	12.60422	18.10401	16.99623	18.10401	16.99623
383264.9	3735517	13.28201	12.39794	17.9062	16.72105	17.9062	16.72105	17.55916	16.39441	17.55916	16.39441	17.73943	16.55976	13.28201	12.39794	17.9062	16.72105	17.9062	16.72105
383306.9	3735539	13.14722	12.24012	17.72621	16.51066	17.72621	16.51066	17.38252	16.18744	17.38252	16.18744	17.56034	16.34981	13.14722	12.24012	17.72621	16.51066	17.72621	16.51066
383348.9	3735561	13.02047	12.09511	17.55709	16.31728	17.55709	16.31728	17.21615	15.99738	17.21615	15.99738	17.39152	16.15685	13.02047	12.09511	17.55709	16.31728	17.55709	16.31728
383390.9	3735583	12.89292	11.95241	17.38697	16.12698	17.38697	16.12698	17.04865	15.81009	17.04865	15.81009	17.22158	15.96666	12.89292	11.95241	17.38697	16.12698	17.38697	16.12698
383432.9	3735605	12.77658	11.81022	17.23179	15.93738	17.23179	15.93738	16.8957	15.62358	16.8957	15.62358	17.06621	15.77738	12.77658	11.81022	17.23179	15.93738	17.23179	15.93738
383474.9	3735628	12.69048	11.67919	17.11741	15.76286	17.11741	15.76286	16.78227	15.45183	16.78227	15.45183	16.95081	15.60297	12.69048	11.67919	17.11741	15.76286	17.11741	15.76286
383516.9	3735650	12.5478	11.60896	16.92683	15.66881	16.92683	15.66881	16.59452	15.35951	16.59452	15.35951	16.76043	15.50954	12.5478	11.60896	16.92683	15.66881	16.92683	15.66881
383558.9	3735672	12.42202	11.51821	16.759	15.5479	16.759	15.5479	16.42957	15.24003	16.42957	15.24003	16.59301	15.38808	12.42202	11.51821	16.759	15.5479	16.759	15.5479
383600.9	3735694	12.28696	11.37847	16.57883	15.36179	16.57883	15.36179	16.25266	15.05644	16.25266	15.05644	16.41353	15.20156	12.28696	11.37847	16.57883	15.36179	16.57883	15.36179
383642.9	3735716	12.19493	11.24048	16.45637	15.178	16.45637	15.178	16.13143	14.87539	16.13143	14.87539	16.29025	15.01773	12.19493	11.24048	16.45637	15.178	16.45637	15.178
383741.9	3735620	11.9144	11.05751	16.08412	14.93497	16.08412	14.93497	15.76281	14.63577	15.76281	14.63577	15.91496	14.77411	11.9144	11.05751	16.08412	14.93497	16.08412	14.93497
383785.6	3735644	11.79678	10.97282	15.92725	14.82193	15.92725	14.82193	15.60842	14.5246	15.60842	14.5246	15.75842	14.66131	11.79678	10.97282	15.92725	14.82193	15.92725	14.82193
383722.6	3735678	12.00503	11.12662	16.20382	15.02616	16.20382	15.02616	15.88147	14.72648	15.88147	14.72648	16.03605	14.86668	12.00503	11.12662	16.20382	15.02616	16.20382	15.02616
383829.2	3735669	11.67057	10.8551	15.75879	14.66453	15.75879	14.66453	15.44318	14.371	15.44318	14.371	15.5908	14.50575	11.67057	10.8551	15.75879	14.66453	15.75879	14.66453
383785	3735704	11.84821	11.03856	15.995	14.90875	15.995	14.90875	15.6758	14.61094	15.6758	14.61094	15.82715	14.74939	11.84821	11.03856	15.995	14.90875	15.995	14.90875
383736.7	3735726	11.993	10.93554	16.18762	14.77147	16.18762	14.77147	15.86577	14.47627	15.86577	14.47627	16.02021	14.61271	11.993	10.93554	16.18762	14.77147	16.18762	14.77147
383759.7	3735538	11.68829	10.94835	15.78417	14.78444	15.78417	14.78444	15.4666	14.51061	15.4666	14.51061	15.61366	14.64654	11.68829	10.96209	15.78417	14.80873	15.78417	14.80873
383722.8	3735508	11.74666	11.12035	15.86217	15.01478	15.86217	15.01478	15.54351	14.73297	15.54351	14.73297	15.69167	14.87199	11.74666	11.13213	15.86217	15.03572	15.86217	15.03572
383788.9	3735500	11.48285	11.1254	15.51108	15.00841	15.51108	15.02138	15.19741	14.72437	15.19741	14.72437	15.33994	14.8634	11.48285	11.1254	15.51108	15.02656	15.51108	15.02656
383816.4	3735565	11.53724	10.8656	15.5826	14.67986	15.5826	14.67986	15.26846	14.38414	15.26846	14.38414	15.41264	14.51828	11.53724	10.8656	15.5826	14.67986	15.5826	14.67986
383748.2	3735465	11.53595	11.27105	15.58226	15.2143	15.58226	15.2211	15.26736	14.91482	15.26736	14.91482	15.41087	15.05645	11.53595	11.27105	15.58226	15.2211	15.58226	15.2211

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
383816.1	3735459	11.4128	11.059	15.41836	14.93861	15.41836	14.93861	15.10557	14.63698	15.10557	14.63698	15.24641	14.77433	11.4128	11.059	15.41836	14.93861	15.41836	14.93861
383850.5	3735504	11.31034	11.01856	15.28123	14.88394	15.28123	14.88394	14.97137	14.58447	14.97137	14.58447	15.1105	14.72152	11.31034	11.01856	15.28123	14.88394	15.28123	14.88394
383864.2	3735555	11.33878	10.84461	15.31833	14.65156	15.31833	14.65156	15.00866	14.35707	15.00866	14.35707	15.14878	14.49104	11.33878	10.84461	15.31833	14.65156	15.31833	14.65156
383857.3	3735611	11.47305	10.7857	15.49635	14.57257	15.49635	14.57257	15.18454	14.28003	15.18454	14.28003	15.32781	14.41312	11.47305	10.7857	15.49635	14.57257	15.49635	14.57257
383773.5	3735422	11.54681	11.0873	15.59731	14.97668	15.59731	14.97668	15.2814	14.67429	15.2814	14.67429	15.4247	14.81205	11.54681	11.0873	15.59731	14.97668	15.59731	14.97668
383673	3735451	11.75671	11.39414	15.87602	15.38103	15.87602	15.38103	15.55775	15.08711	15.55775	15.08711	15.70605	15.23132	11.75671	11.40241	15.87602	15.39628	15.87602	15.39628
383642.4	3735417	11.77067	11.46828	15.8949	15.4806	15.8949	15.4806	15.57643	15.1817	15.57643	15.1817	15.72487	15.32736	11.77067	11.47449	15.8949	15.49248	15.8949	15.49248
383611.7	3735384	11.79518	11.44991	15.92806	15.45927	15.92806	15.45927	15.60861	15.15542	15.60861	15.15542	15.75723	15.30057	11.79518	11.45404	15.92806	15.46542	15.92806	15.46542
383581.1	3735350	11.90293	11.42443	16.072	15.42582	16.072	15.42582	15.74988	15.11982	15.74988	15.11982	15.90051	15.26444	11.90293	11.42648	16.072	15.42887	16.072	15.42887
383550.4	3735317	11.99396	11.41589	16.19364	15.41344	16.19364	15.41344	15.86956	15.10603	15.86956	15.10603	16.02184	15.25012	11.99396	11.41594	16.19364	15.41529	16.19364	15.41529
383709.9	3735417	11.61611	11.25757	15.68947	15.20372	15.68947	15.20372	15.37305	14.89709	15.37305	14.89709	15.51807	15.03812	11.61611	11.25757	15.68947	15.20372	15.68947	15.20372
383679.2	3735383	11.70722	11.26582	15.81101	15.20766	15.81101	15.20766	15.4931	14.90806	15.4931	14.90806	15.63992	15.0491	11.70722	11.26582	15.81101	15.21505	15.81101	15.21505
383648.6	3735350	11.80234	11.26446	15.93804	15.21348	15.93804	15.21348	15.6179	14.90659	15.6179	14.90659	15.76651	15.04753	11.80234	11.26446	15.93804	15.21348	15.93804	15.21348
383617.9	3735316	11.89208	11.27405	16.05812	15.22641	16.05812	15.22641	15.73555	14.91963	15.73555	14.91963	15.88562	15.06076	11.89208	11.27405	16.05812	15.22641	16.05812	15.22641
383587.2	3735283	11.96197	11.27434	16.1516	15.22728	16.1516	15.22728	15.82726	14.92064	15.82726	14.92064	15.97864	15.06162	11.96197	11.27434	16.1516	15.22728	16.1516	15.22728
383746.7	3735383	11.64061	11.1033	15.72268	14.99859	15.72268	14.99859	15.40467	14.73024	15.40467	14.69488	15.54974	14.8326	11.64061	11.1033	15.72268	14.99859	15.72268	14.99859
383716.1	3735349	11.70981	11.13426	15.81506	15.04021	15.81506	15.04021	15.49583	14.76682	15.49583	14.76682	15.64227	14.87358	11.70981	11.13426	15.81506	15.04021	15.81506	15.04021
383685.4	3735316	11.75947	11.13205	15.88145	15.03757	15.88145	15.03757	15.56158	14.77925	15.56158	14.77925	15.70912	14.87065	11.75947	11.13205	15.88145	15.08491	15.88145	15.06069
383654.7	3735283	11.82152	11.16668	15.96454	15.084	15.96454	15.084	15.64298	14.80193	15.64298	14.80193	15.79147	14.91706	11.82152	11.16668	15.96454	15.10783	15.96454	15.09715
383624.1	3735249	11.88399	11.20391	16.04857	15.13433	16.04857	15.13433	15.72509	14.82835	15.72509	14.82835	15.87444	14.96748	11.88399	11.20391	16.04857	15.14491	16.04857	15.13433
383491.1	3735284	12.09394	11.48597	16.32686	15.50799	16.32686	15.50799	16.00157	15.20132	16.00157	15.20132	16.15609	15.34661	12.09394	11.48812	16.32686	15.50898	16.32686	15.50898
383446.4	3735262	12.17756	11.55347	16.43851	15.59919	16.43851	15.59919	16.11162	15.28944	16.11162	15.28944	16.26775	15.43591	12.17756	11.55514	16.43851	15.60109	16.43851	15.60159
383401.7	3735240	12.27494	11.61014	16.56897	15.67481	16.56897	15.67481	16.23946	15.36303	16.23946	15.36303	16.39723	15.51043	12.27494	11.6109	16.56897	15.67674	16.56897	15.67674
383357.1	3735217	12.35797	11.66672	16.68031	15.75002	16.68031	15.75002	16.34881	15.45555	16.34881	15.44165	16.50792	15.58987	12.35797	11.67007	16.68031	15.75642	16.68031	15.75642
383312.4	3735195	12.43997	11.83803	16.79081	15.97824	16.79081	15.97824	16.45697	15.67436	16.45697	15.67116	16.6171	15.82225	12.43997	11.84482	16.79081	15.99081	16.79081	15.99081
383267.7	3735173	12.51274	12.04023	16.88896	16.24897	16.88896	16.24897	16.55337	15.94277	16.55337	15.94277	16.71456	16.09732	12.51274	12.05139	16.88896	16.26761	16.88896	16.26761
383223.1	3735151	12.75408	12.22622	17.2119	16.49937	17.2119	16.49937	16.87084	16.19254	16.87084	16.19254	17.03627	16.35031	12.75408	12.24094	17.2119	16.52161	17.2119	16.52161
383178.4	3735129	13.01351	12.39914	17.55793	16.7313	17.55793	16.7313	17.21136	16.42169	17.21136	16.42169	17.3812	16.58245	13.01351	12.41476	17.55951	16.75468	17.55951	16.75468
383133.7	3735107	13.22534	12.51047	17.84021	16.88059	17.84021	16.88059	17.48998	16.56639	17.48998	16.56639	17.66329	16.72914	13.22534	12.52354	17.84021	16.88731	17.84021	16.88333
383089.1	3735085	13.34596	12.61061	18.00306	17.00942	18.00306	17.00942	17.65101	16.69745	17.65101	16.69745	17.82276	16.84355	13.34754	12.62174	18.00306	17.00942	18.00306	17.00942
383044.4	3735063	13.3987	12.6944	18.07441	17.12718	18.07441	17.12718	17.72195	16.80815	17.72195	16.87225	17.89536	16.95529	13.3987	12.6944	18.07441	17.12718	18.07441	17.12718
383513.3	3735239	12.08424	11.39438	16.31513	15.38818	16.31513	15.38818	15.98884	15.07869	15.98884	15.07869	16.14251	15.2217	12.08424	11.39438	16.31513	15.38818	16.31513	15.38818
383468.6	3735217	12.15471	11.4945	16.40955	15.52235	16.40955	15.52235	16.08192	15.21023	16.08192	15.21023	16.23692	15.35486	12.15471	11.4945	16.40955	15.52235	16.40955	15.52235
383423.9	3735195	12.24325	11.65944	16.52836	15.74318	16.52836	15.74318	16.19826	15.42706	16.19826	15.42706	16.35452	15.57453	12.24325	11.65944	16.52836	15.74318	16.52836	15.74318
383379.3	3735173	12.31018	11.77948	16.6185	15.90413	16.6185	15.90413	16.28665	15.58571	16.28665	15.58571	16.44395	15.73523	12.31018	11.77948	16.6185	15.90413	16.6185	15.90413
383334.6	3735150	12.43158	11.88725	16.78121	16.04918	16.78121	16.04918	16.44628	15.73493	16.44628	15.73493	16.60555	15.8861	12.43158	11.89288	16.78121	16.05668	16.78121	16.05668
383289.9	3735128	12.53781	12.03036	16.92392	16.24115	16.92392	16.24115	16.58644	15.93581	16.58644	15.91591	16.74741	16.06931	12.53781	12.03036	16.92392	16.24115	16.92392	16.24115
383245.2	3735106	12.69623	12.17784	17.13639	16.43908	17.13639	16.43908	16.79529	16.16684	16.79529	16.11044	16.9589	16.26619	12.69623	12.17784	17.13639	16.43908	17.13639	16.43908
383200.6	3735084	12.89943	12.30056	17.40869	16.60223	17.4083	16.59876	17.0622	16.27249	17.0622	16.27249	17.22917	16.43026	12.89943	12.30056	17.40869	16.60386	17.40869	16.60386
383155.9	3735062	13.07569	12.43315	17.64117	16.76249	17.64117	16.76249	17.29394	16.44803	17.29394	16.44803	17.46381	16.6084	13.07569	12.43324	17.6449	16.78136	17.6449	16.78136
383111.2	3735040	13.18559	12.56638	17.78773	16.95307	17.78773	16.95307	17.43869	16.63891	17.43869	16.63891	17.61062	16.80218	13.18559	12.57808	17.78773	16.96158	17.78773	16.95697
383066.6	3735018	13.23407	12.61835	17.85599	17.02688	17.85599	17.02688	17.50668	16.69047	17.50668	16.73257	17.67578	16.85412	13.23407	12.61835	17.85599	17.02688	17.85599	17.02688
383580.1	3735216	11.95944	11.26125	16.15009	15.21165	16.15009	15.21165	15.82466	14.90417	15.82466	14.90417	15.97508	15.04405	11.95944	11.26125	16.15009	15.21165	16.15009	15.21165
383535.4	3735194	12.02141	11.42094	16.23314	15.42529	16.23314	15.42529	15.90665	15.11385	15.90665	15.11385	16.05818	15.25654	12.02141	11.42094	16.23314	15.42529	16.23314	15.42529
383490.8	3735172	12.11669	11.59679	16.36061	15.66058	16.36061	15.66058	16.03257	15.34528	16.03257	15.34528	16.18593	15.4911	12.11669	11.59679	16.36061	15.66058	16.36061	15.66058
383446.1	3735150	12.2459	11.70973	16.53365	15.81204	16.53365	15.81204	16.20205	15.49388	16.20205	15.49388	16.3576	15.64158	12.2459	11.70973	16.53365	15.81204	16.53365	15.81204
383401.4	3735128	12.36697	11.80961	16.69606	15.94627	16.69606	15.94627	16.36145	15.62624	16.36145	15.62624	16.51896	15.77548	12.36697	11.80961	16.69606	15.94627	16.69606	15.94627
383356.8	3735106	12.46336	11.90737	16.82539	16.0779	16.82539	16.0779	16.48848	15.75451	16.48848	15.75451	16.64761	15.90511	12.46336	11.90737	16.82539	16.0779	16.82539	16.0779
383312.1	3735084	12.54414	12.00217	16.93395	16.20524	16.93395	16.20524	16.59519	15.87976	16.59519	15.87976	16.75552	16.03184	12.54414	12.00217	16.93395	16.20524	16.93395	16.20524
383267.4	3735061	12.60601	12.16309	17.01751	16.42073	17.01751	16.42073	16.67734	16.10771	16.67734	16.09151	16.83843	16.24637	12.60601	12.16309	17.01751	16.42073	17.01751	16.42073
383222.8	3735039	12.7208	12.23302	17.17148	16.47756	17.17148	16.47756	16.82831	16.2938	16.82831	16.1841	16.9913	16.34002	12.7208	12.23302	17.17148	16.51486	17.17148	16.51486
383178.1	3735017	12.85482	12.37782	17.35086	16.70787	17.35086	16.70787	17.00418	16.37513	17.00418	16.37513	17.16932	16.53392	12.85482	12.37782	17.35086	16.7082	17.35086	16.7082
383133.4	3734995	12.94884	12.56068	17.47295	16.94957	17.47295	16.94957	17.12787	16.63274	17.12787	16.63274	17.29483	16.79562	12.94884	12.57369	17.47651	16.94996	17.47651	16.94996
383088.8	3734973	13.04508	12.48956	17.60449	16.85561	17.60449	16.85561	17.25438	16.53554	17.25804	16.53554	17.42354	16.69748	13.04508	12.48956	17.60449	16.85981	17.60449	16.85561
383116.6	3734898	12.9952	12.45803	17.53679	16.81245	17.53679	16.81245	17.18714	16.47813	17.18808	16.47857	17.35567	16.63961	12.9952	12.45803	17.53679	16.81245	17.53679	16.81245
383135.3	3734857	12.94167	12.44376	17.46439	16.79203	17.46439	16.79203	17.11573	16.45908	17.11573	16.45908	17.2835	16.61929	12.94167	12.44376	17.46439	16.79203	17.46439	16.79203
383154	3734816	12.88136	12.42496	17.38302	16.76577	17.38302	16.76577	17.03535	16.4344	17.03535	16.4585	17.20225	16.59307	12.88136	12.4267	17.38302	16.76577	17.38302	16.76577
383172.7	3734774	12.8311	12.37929	17.31566	16.70317	17.31566	16.70317	16.96866	16.40588	16.96866	16.40588	17.13458	16.53046	12.8311	12.37929	17.31566	16.70317	17.31566	16.70317
383191.4	3734733	12.8095	12.38581	17.28682	16.64764	17.28682	16.64764	16.93976	16.37917	16.93976	16.37917	17.10516	16.47531	12.8095	12.38581	17.28682	16.64764	17.28682	16.64764
383162.2	3734919	12.83959	12.43985	17.32956	16.78791	17.32956	16.78791	16.9827	16.47783	16.9827	16.47783	17.14795	16.61459	12.83959	12.43985	17.32956	16.78791	17.32956	16.78791
383180.9	3734878	12.7806	12.34221	17.24995	16.65679	17.24995	16.65679	16.90412	16.35174	16.90412	16.35174	17.06848	16.48376	12.7806	12.34221	17.24995	16.65679	17.24995	16.65679
383199.6	3734836	12.74214	12.30005	17.19835	16.60033	17.19835	16.60033	16.85297	16.29369	16.85297	16.29369	17.01663	16.42693	12.74214	12.30005	17.19835	16.60033	17.19835	16.60033
383218.3	3734795	12.71892	12.30775	17.16733	16.61052	17.16733	16.61052	16.8219	16.30103	16.8219	16.30103	16.98505	16.4364	12.71892	12.30775	17.16733	16.61052	17.16733	16.61052
383237	3734753	12.69661	12.3173	17.13766	16.62349	17.13766	16.62349	16.79211	16.31079	16.79211	16.31079	16.95473	16.46297	12.69661	12.3244	17.13766	16.62349	17.13766	16.62349
383207.8	3734940	12.68029	12.30775	17.11806	16.61509	17.11806	16.61509	16.77431	16.28264	16.77431	16.28264	16.93599	16.43977	12.68029	12.30775	17.11806	16.61509	17.11806	16.61509
383226.5	3734898	12.65769	12.29846	17.08785	16.60304	17.08785	16.60119	16.74409	16.27001	16.74409	16.27001	16.90534	16.42675	12.65769	12.29846	17.08785	16.60304	17.08785	16.60304
383245.2	3734857	12.63665	12.30347	17.05977	16.6045	17.05977	16.59598	16.71593	16.27616	16.71593	16.27616	16.87665	16.43278	12.63665	12.30347	17.05977	16.61	17.05977	16.61
383263.9	3734815	12.6152	12.31165	17.03139	16.61351	17.03139	16.60476	16.68754	16.28643	16.68754	16.28643	16.84762	16.44305	12.6152	12.31165	17.03139	16.62124	17.03139	16.62124
383282.6	3734774	12.58807	12.29289	16.99534	16.59625	16.99534	16.59625	16.65151	16.26127	16.65151	16.26127	16.81104	16.41729	12.58807	12.29289	16.99534	16.59625	16.99534	16.59625
383171.7	3734669	12.89941	12.49431	17.40666	16.84281	17.40666	16.84264	17.05751	16.53547	17.05751	16.52086	17.22481	16.68354	12.89941	12.49431	17.40666	16.84281	17.40666	16.84281
383219.4	3734654	12.79283	12.40306	17.26511	16.73693	17.26511	16.73693	16.91712	16.41654	16.91712	16.41654	17.08193	16.57705	12.79283	12.41309	17.26511	16.73693	17.26511	16.73693
383164.4	3734606	12.97479	12.57194	17.50801	16.96444	17.50801	16.96282	17.15677	16.62521	17.15677	16.62521	17.32517	16.7885	12.97479	12.57194	17.50801	16.96444	17.50801	16.96444
383245.2	3734611	12.75782	12.40709	17.21915	16.73859	17.21915	16.73859	16.87091	16.40826	16.87091	16.40826	17.03466	16.56267	12.75782	12.40709	17.21915	16.73859	17.21915	16.73859
383286.9	3734703	12.60564	12.29819	17.01792	16.60181	17.01792	16.60181	16.67311	16.26693	16.67311	16.26693	16.83314	16.42367	12.60564	12.29819	17.01792	16.60181	17.01792	16.60181
383190.2	3734564	12.94998	12.58917	17.47571	16.98405	17.47571	16.98405	17.1238	16.64695	17.1238	16.64695	17.29119	16.80628	12.94998	12.58917	17.47571	16.98405	17.47571	16.98405
383069.6	3734667	13.28026	12.87297	17.91578	17.36732	17.91578	17.3613	17.55949	17.02156	17.55949	17.02156	17.73402	17.19025	13.28026	12.87297	17.91578	17.36732	17.91578	17.36732
383045.9	3734708	13.36785	12.87612	18.03353	17.3713	18.03353	17.3713	17.67533	17.04075	17.67533	17.04075	17.85113	17.20926	13.36785	12.88634	18.03353	17.3713	18.03353	17.3713
383057.1	3734619	13.36598	12.94577	18.03021	17.46451	18.03021	17.46451	17.67158	17.11659	17.67158	17.11659	17.84764	17.28662	13.36598	12.94577	18.03021	17.46451	18.03021	17.46451
383002.7	3734683	13.67553	13.19346	18.44461	17.79713	18.44461	17.79713	18.08827	17.44751	18.10909	17.44751	18.26089	17.61795	13.69865	13.19623	18.44461	17.79713	18.44461	17.79713
383013.9	3734593	13.63397	13.15138	18.38817	17.73972	18.38817	17.73972	18.02349	17.38672	18.02349	17.38672	18.20446	17.56024	13.63397	13.15138	18.38817	17.73972	18.38817	17.73972
383113.7	3734552	13.18995	12.89033	17.79522	17.38988	17.79522	17.38988	17.43979	17.04798	17.47101	17.05207	17.61225	17.21121	13.18995	12.89797	17.79522	17.38988	17.79522	17.38988
382959.5	3734657	13.96643	13.3616	18.83288	18.00423	18.83288	18.00423	18.46088	17.66443	18.46088	17.66443	18.64788	17.82448	13.96643	13.3616	18.83288	18.00423	18.83288	18.00423
382935.8	3734698	14.03286	13.36165	18.92089	18.00544	18.92089	18.00544	18.54828	17.66488	18.54828	17.66488	18.73698	17.82659	14.03286	13.36165	18.92089	18.00544	18.92089	18.00544
383126.3	3734636	13.0688	12.74119	17.63287	17.1776	17.63287	17.1776	17.28102	16.84759	17.28102	16.84759	17.45161	17.0143	13.0688	12.74119	17.63287	17.19002	17.63287	17.18847
382881.5	3734689	14.28091	13.54058	19.25023	18.24147	19.25023	18.24147	18.8731	17.89913	18.8731	17.89913	19.06732	18.06366	14.28091	13.54058	19.25023	18.24147	19.25023	18.24147
382864.9	3734641	14.43094	13.67877	19.45031	18.44297	19.45031	18.44297	19.06934	18.08025	19.06934	18.08025	19.26639	18.26445	14.43094	13.67877	19.45031	18.44297	19.45031	18.44297
382929.6	3734619	14.16644	13.49786	19.09944	18.2026	19.09944	18.2026	18.72299	17.84287	18.72299	17.84287	18.91406	18.0215	14.16644	13.49786	19.09944	18.2026	19.09944	18.2026

Reduction to Peak C		0.0010	0.0009	0.0037	0.0035	0.0037	0.0034	0.0021	0.0019	0.0021	0.0019	0.0058	0.0055	0.0014	0.0013	0.0055	0.0052	0.0055	0.0052
Percent Reduction D		48.55%	48.55%	44.40%	44.40%	44.40%	44.40%	78.71%	78.71%	78.71%	78.71%	70.88%	70.88%	67.78%	67.78%	66.42%	66.42%	66.42%	66.42%
		389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389200_3740100	389450_3739850	389200_3740100	382683.8_3734051.76	382683.8_3734051.76	389450_3739850	389450_3739850	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76	382683.8_3734051.76
Peak Concentration		3.755034	3.661377	15.51017	14.64333	15.51017	14.63191	4.995903	4.510162	4.995903	4.510162	15.37303	14.54545	3.755034	3.661377	15.51017	14.67307	15.51017	14.67307
X	Y	*2033_ALT4_CAAQS*	*2033_ALT4_NAAQS*	*2033_ALT5_CAAQS*	*2033_ALT5_NAAQS*	*2033_PP_CAAQS*	*2033_PP_NAAQS*	*2038_ALT1_CAAQS*	*2038_ALT1_NAAQS*	*2038_NP_CAAQS*	*2038_NP_NAAQS*	*2038_ALT3_CAAQS*	*2038_ALT3_NAAQS*	*2038_ALT4_CAAQS*	*2038_ALT4_NAAQS*	*2038_ALT5_CAAQS*	*2038_ALT5_NAAQS*	*2038_PP_CAAQS*	*2038_PP_NAAQS*
382820.5	3734619	14.66048	13.85616	19.75569	18.62985	19.75569	18.62985	19.37036	18.313	19.37036	18.313	19.57227	18.45237	14.66048	13.85616	19.75569	18.62985	19.75569	18.62985
382913	3734572	14.32362	13.65328	19.30932	18.4038	19.30932	18.4038	18.92892	18.03991	18.92892	18.04909	19.12277	18.22234	14.32362	13.655	19.30932	18.4038	19.30932	18.4038
382765.6	3734635	14.90327	14.10812	20.07901	19.01437	20.07901	19.01437	19.68968	18.64411	19.68968	18.64411	19.89681	18.83737	14.90327	14.10812	20.07901	19.01437	20.07901	19.01437
382746.9	3734571	15.05654	14.22176	20.28313	19.16621	20.28313	19.16621	19.8911	18.79287	19.8911	18.79287	20.10134	18.98816	15.05654	14.22176	20.28313	19.16621	20.28313	19.16621
382847.7	3734563	14.65174	13.87268	19.74563	18.57361	19.74563	18.57361	19.359	18.33491	19.359	18.33491	19.55995	18.39391	14.65174	13.87268	19.74563	18.57361	19.74563	18.57361
382768.1	3734526	15.0203	14.21989	20.23519	19.1639	20.23519	19.1639	19.84309	18.78985	19.84309	18.78985	20.05236	18.98503	15.0203	14.21989	20.23519	19.1639	20.23519	19.1639
382784.2	3734476	15.0257	14.23683	20.24301	19.18704	20.24301	19.18331	19.84998	18.81201	19.84998	18.81201	20.05902	19.00652	15.0257	14.23683	20.24301	19.18704	20.24301	19.18704
382802.4	3734430	14.99254	14.17852	20.1991	19.04427	20.1991	19.04427	19.80596	18.73539	19.80596	18.73539	20.0141	18.92818	14.99254	14.17852	20.1991	19.08907	20.1991	19.05146
382820.6	3734384	14.92394	14.10811	20.10737	18.90351	20.10737	18.90351	19.71519	18.58439	19.71519	18.64242	19.92209	18.77587	14.92394	14.10811	20.10737	18.9568	20.10737	18.9564
382838.8	3734337	14.85242	14.10124	20.01207	18.8512	20.01207	18.8512	19.62105	18.50876	19.62105	18.6329	19.82642	18.67174	14.85242	14.10124	20.01207	18.8512	20.01207	18.8512
382857	3734291	14.80498	14.02918	19.94934	18.84952	19.94934	18.84952	19.55857	18.47909	19.55857	18.53817	19.76262	18.66916	14.80498	14.02918	19.94934	18.84952	19.94934	18.84952
382830.7	3734495	14.83865	13.97947	19.99461	18.77165	19.99461	18.77165	19.60444	18.4755	19.60444	18.4755	19.80805	18.59072	14.83865	13.97947	19.99461	18.77165	19.99461	18.77165
382848.9	3734448	14.78909	13.97386	19.92926	18.77158	19.92926	18.77158	19.53878	18.46743	19.53878	18.46743	19.742	18.58979	14.78909	13.97386	19.92926	18.77158	19.92926	18.77158
382867.1	3734402	14.707	13.91527	19.81929	18.6966	19.81929	18.6966	19.43004	18.38969	19.43004	18.38969	19.63182	18.51497	14.707	13.91527	19.81929	18.6966	19.81929	18.6966
382885.3	3734356	14.6187	13.89108	19.70134	18.57114	19.70134	18.53764	19.31356	18.35713	19.31356	18.35713	19.51373	18.54216	14.6187	13.89108	19.70134	18.72344	19.70134	18.57374
382903.5	3734309	14.56411	13.89945	19.62893	18.73533	19.62893	18.73533	19.24163	18.3678	19.24163	18.3678	19.44039	18.55565	14.56411	13.89945	19.62893	18.73653	19.62893	18.73653
382877.3	3734513	14.59982	13.80279	19.6766	18.51285	19.6766	18.51285	19.291	18.24354	19.291	18.24354	19.49019	18.33146	14.59982	13.80279	19.6766	18.51326	19.6766	18.51285
382895.5	3734467	14.53359	13.8051	19.58904	18.42892	19.58904	18.42892	19.2033	18.24559	19.2033	18.24559	19.40114	18.43114	14.53359	13.8051	19.58932	18.55929	19.58904	18.42892
382913.7	3734420	14.43527	13.78486	19.45732	18.58554	19.45732	18.58554	19.07309	18.21773	19.07309	18.21773	19.26928	18.4032	14.43527	13.78486	19.45732	18.58554	19.45732	18.58554
382931.9	3734374	14.34559	13.69001	19.33754	18.45856	19.33754	18.45856	18.95483	18.09257	18.95483	18.09257	19.14921	18.27624	14.34559	13.69001	19.33754	18.45856	19.33754	18.45856
382950.1	3734328	14.30055	13.67828	19.27809	18.44367	19.27809	18.44367	18.89552	18.07709	18.89552	18.07709	19.0887	18.26012	14.30055	13.67828	19.27809	18.44367	19.27809	18.44367
382871.9	3734241	14.81239	14.08805	19.96022	18.77625	19.96022	18.77625	19.56835	18.57257	19.56835	18.61501	19.77203	18.59409	14.81239	14.08805	19.96022	18.77625	19.96022	18.77625
382885.3	3734196	14.80494	14.1303	19.95142	19.00351	19.95142	19.00351	19.55898	18.66985	19.55898	18.66985	19.76196	18.81944	14.80494	14.1303	19.95142	19.00351	19.95142	19.00351
382919.8	3734255	14.63354	14.00688	19.72406	18.884	19.72406	18.88315	19.33347	18.5091	19.33347	18.5091	19.53241	18.69761	14.63354	14.00688	19.72406	18.884	19.72406	18.884
382933.3	3734210	14.59725	14.01084	19.67627	18.88931	19.67627	18.88931	19.28587	18.51355	19.28587	18.51392	19.48383	18.70209	14.59725	14.01084	19.67627	18.88931	19.67627	18.88931
382967.8	3734270	14.48874	13.89873	19.53534	18.74397	19.53534	18.74397	19.14546	18.36892	19.14546	18.36892	19.33951	18.55339	14.48874	13.89873	19.53534	18.74397	19.53534	18.74397
382981.2	3734224	14.46338	13.89879	19.50223	18.7442	19.50223	18.7442	19.11203	18.37313	19.11203	18.37313	19.30517	18.55231	14.46338	13.9022	19.50223	18.7442	19.50223	18.7442
382876.7	3734151	14.92135	14.20097	20.1071	19.13229	20.1071	19.12377	19.71158	18.7625	19.71158	18.7625	19.91653	18.95537	14.92135	14.20097	20.1071	19.13229	20.1071	19.13229
382827.3	3734088	15.28482	14.37017	20.5895	19.33771	20.5895	19.33771	20.18829	18.98341	20.18829	18.9846	20.40047	19.17993	15.28482	14.37017	20.59192	19.35079	20.59192	19.33771
382925.8	3734141	14.65355	14.08786	19.75097	18.99105	19.75097	18.99105	19.3599	18.61324	19.3599	18.61324	19.55914	18.80353	14.65355	14.08786	19.75097	18.99105	19.75097	18.99105
382891.4	3734088	14.9236	14.21938	20.11128	19.16493	20.11128	19.16493	19.71439	18.78449	19.71439	18.78612	19.91888	18.97745	14.9236	14.21938	20.11128	19.16493	20.11128	19.16493
382842	3734025	15.33469	14.44991	20.66026	19.47393	20.66026	19.47393	20.25367	19.08871	20.25367	19.0889	20.46577	19.2861	15.33469	14.44991	20.66026	19.47393	20.66026	19.47393
382970	3734121	14.47614	13.95439	19.51624	18.81228	19.51624	18.81228	19.12681	18.43598	19.12681	18.43858	19.32153	18.62283	14.47614	13.95439	19.51624	18.81228	19.51624	18.81228
382930.7	3734057	14.70809	14.14413	19.82472	19.06526	19.82472	19.06526	19.43188	18.68512	19.43188	18.68649	19.63171	18.87611	14.70809	14.14413	19.82472	19.06526	19.82472	19.06526
382881.3	3733995	15.12205	14.33931	20.3775	19.32444	20.3775	19.32444	19.97477	18.94052	19.97477	18.94346	20.18235	19.13527	15.12205	14.33931	20.3775	19.32444	20.3775	19.32444
382783.6	3734041	15.60686	14.63209	21.02131	19.7143	21.02131	19.71252	20.61039	19.32767	20.61039	19.32792	20.82866	19.52965	15.60686	14.63209	21.02131	19.71491	21.02131	19.71491
382704.1	3734006	16.12671	15.24397	21.71466	20.52533	21.71466	20.52533	21.29239	20.12471	21.29239	20.13075	21.52098	20.3388	16.12671	15.24397	21.71466	20.52533	21.71466	20.52533
382624.7	3733971	16.82833	15.98897	22.64967	21.52442	22.64967	21.52442	22.21376	21.10834	22.21376	21.10834	22.45661	21.33719	16.82833	15.98897	22.64967	21.52442	22.64967	21.52442
382545.2	3733935	17.56116	16.66658	23.62569	22.42731	23.62569	22.42731	23.17618	21.99719	23.17618	21.99719	23.43423	22.23963	17.56116	16.66658	23.62569	22.42731	23.62569	22.42731
382804	3733996	15.61056	14.66842	21.02827	19.76113	21.02827	19.76113	20.61541	19.37141	20.61541	19.37615	20.83287	19.5731	15.61056	14.66842	21.02827	19.76113	21.02827	19.76113
382724.5	3733960	16.07127	15.18412	21.64127	20.44413	21.64127	20.44413	21.2195	20.0515	21.2195	20.0515	21.44665	20.2567	16.07127	15.18412	21.64127	20.44413	21.64127	20.44413
382645	3733925	16.72089	15.88512	22.50697	21.38598	22.50697	21.38598	22.07282	20.97151	22.07282	20.97151	22.31323	21.19809	16.72089	15.88512	22.50697	21.38598	22.50697	21.38598
382565.5	3733890	17.49338	16.57359	23.53628	22.30416	23.53628	22.30416	23.08728	21.87506	23.08728	21.87506	23.34351	22.1153	17.49338	16.57359	23.53628	22.30416	23.53628	22.30416
382824.3	3733950	15.55531	14.5782	20.95555	19.63676	20.95555	19.63676	20.54294	19.25783	20.54294	19.25783	20.75881	19.4475	15.55531	14.5782	20.95555	19.63676	20.95555	19.63676
382744.8	3733915	16.07102	15.16608	21.64278	20.4296	21.64278	20.4296	21.21938	20.02866	21.21938	20.02866	21.44561	20.23991	16.07102	15.16608	21.64278	20.4296	21.64278	20.4296
382665.3	3733879	16.58316	15.73431	22.32371	21.18468	22.32371	21.18468	21.89197	20.77291	21.89197	20.77291	22.12953	20.99654	16.58316	15.73431	22.32371	21.18468	22.32371	21.18468
382585.8	3733844	17.35055	16.44849	23.34612	22.13701	23.34612	22.13701	22.89971	21.71018	22.89971	21.71018	23.1529	21.94796	17.35055	16.44849	23.34612	22.13701	23.34612	22.13701
382461.5	3733897	18.28071	17.34709	24.58353	23.3322	24.58353	23.3322	24.1198	22.8894	24.1198	22.8894	24.3929	23.14651	18.28071	17.34709	24.58353	23.3322	24.58353	23.3322
382417	3733877	18.64432	17.81347	25.06737	23.95254	25.06737	23.95254	24.59681	23.50054	24.59681	23.50054	24.87758	23.7676	18.64432	17.81347	25.06737	23.95254	25.06737	23.95254
382372.5	3733856	19.09828	18.51077	25.6718	24.8808	25.6718	24.8808	25.19241	24.41471	25.19241	24.41471	25.48247	24.69622	19.09828	18.51077	25.6718	24.8808	25.6718	24.8808
382328	3733836	19.59873	19.20274	26.33831	25.80192	26.33831	25.80192	25.84899	25.32128	25.84899	25.32128	26.1495	25.61695	19.59873	19.20274	26.33831	25.80192	26.33831	25.80192
382283.4	3733815	20.13977	19.58338	27.05881	26.30867	27.05881	26.30867	26.55895	25.8215	26.55895	25.8215	26.87054	26.12531	20.13977	19.58338	27.05881	26.30867	27.05881	26.30867
382238.9	3733794	20.73345	20.09509	27.84943	26.99976	27.84943	26.99976	27.3376	26.50273	27.3376	26.50273	27.66143	26.81737	20.73345	20.09509	27.84943	26.99976	27.84943	26.99976
382194.4	3733774	21.36967	20.44953	28.69694	27.47137	28.69694	27.47137	28.17147	26.96753	28.17147	26.95751	28.50806	27.28956	21.36967	20.44953	28.69694	27.47137	28.69694	27.47137
382482.5	3733852	18.23639	17.20645	24.52559	23.14586	24.52559	23.14586	24.06165	22.70501	24.06165	22.70501	24.33325	22.95873	18.23639	17.20645	24.52559	23.14586	24.52559	23.14586
382438	3733831	18.60949	17.67801	25.02212	23.77318	25.02212	23.77318	24.5513	23.3231	24.5513	23.3231	24.83076	23.58685	18.60949	17.67801	25.02212	23.77318	25.02212	23.77318
382393.5	3733811	19.01581	18.36384	25.56301	24.68598	25.56301	24.68598	25.08431	24.22205	25.08431	24.22205	25.37217	24.50008	19.01581	18.36384	25.56301	24.68598	25.56301	24.68598
382349	3733790	19.48174	19.05712	26.1832	25.60865	26.1832	25.60865	25.6956	25.13042	25.6956	25.13042	25.99327	25.42285	19.48174	19.05712	26.1832	25.60865	26.1832	25.60865
382304.4	3733770	20.02323	19.54388	26.90435	26.25673	26.90435	26.25673	26.40612	25.76952	26.40612	25.76952	26.71498	26.07212	20.02323	19.54388	26.90435	26.25673	26.90435	26.25673
382259.9	3733749	20.59445	20.03682	27.66515	26.9212	27.66515	26.9212	27.15554	26.42477	27.15554	26.42477	27.47612	26.73795	20.59445	20.03682	27.66515	26.9212	27.66515	26.9212
382215.4	3733728	21.24924	20.25954	28.53738	27.21666	28.53738	27.21666	28.01365	26.7159	28.01365	26.71423	28.34751	27.03367	21.24924	20.25954	28.53738	27.21666	28.53738	27.21666
382503.5	3733807	18.15918	17.14362	24.4235	23.06278	24.4235	23.06278	23.96041	22.62241	23.96041	22.62241	24.22999	22.87444	18.15918	17.14362	24.4235	23.06278	24.4235	23.06278
382459	3733786	18.52895	17.53884	24.91559	23.5883	24.91559	23.5883	24.44567	23.14042	24.44567	23.14042	24.72319	23.40097	18.52895	17.53884	24.91559	23.5883	24.91559	23.5883
382414.5	3733765	18.92079	18.19372	25.43729	24.46003	25.43729	24.46003	24.95971	23.99893	24.95971	23.99893	25.24525	24.27309	18.92079	18.19372	25.43729	24.46003	25.43729	24.46003
382369.9	3733745	19.38147	18.92513	26.05082	25.43394	26.05082	25.43394	25.56424	24.9577	25.56424	24.9577	25.85931	25.24688	19.38147	18.92513	26.05082	25.43394	26.05082	25.43394
382325.4	3733724	19.93101	19.52852	26.78271	26.23734	26.78271	26.23734	26.28529	25.74939	26.28529	25.74939	26.59166	26.05117	19.93101	19.52852	26.78271	26.23734	26.78271	26.23734
382280.9	3733704	20.44861	19.9772	27.47166	26.83386	27.47166	26.83386	26.96445	26.3383	26.96445	26.3383	27.28169	26.64981	20.44861	19.9772	27.47166	26.83386	27.47166	26.83386
382236.4	3733683	21.11843	20.22888	28.36399	27.16928	28.36399	27.16928	27.84228	26.66848	27.84228	26.66848	28.1731	26.98508	21.11843	20.22888	28.36399	27.16928	28.36399	27.16928
382173.9	3733684	21.82604	21.17419	29.30542	28.42674	29.30542	28.42674	28.76939	27.90644	28.76939	27.90644	29.11504	28.24295	21.82604	21.17419	29.30542	28.42674	29.30542	28.42674
382096.2	3733669	23.15458	22.16962	31.075	29.75302	31.075	29.75302	30.51114	29.21169	30.51114	29.21169	30.88373	29.56815	23.15458	22.16962	31.075	29.75302	31.075	29.75302
382183	3733635	21.89545	21.20408	29.39902	28.46791	29.39902	28.46791	28.86077	27.9458	28.86077	27.9458	29.20728	28.28217	21.89545	21.20408	29.39902	28.46791	29.39902	28.46791
382105.4	3733620	23.20698	22.12598	31.14553	29.69568	31.14553	29.69568	30.58	29.15467	30.58	29.15467	30.95326	29.50991	23.20698	22.12598	31.14553	29.69568	31.14553	29.69568
382256.9	3733611	20.92494	20.1249	28.10587	27.02959	28.10587	27.02959	27.58783	26.53038	27.58783	26.53038	27.91468	26.84517	20.92494	20.1249	28.10587	27.02959	28.10587	27.02959
382308.6	3733648	20.24951	19.7187	27.20706	26.4899	27.20706	26.4899	26.70337	25.99901	26.70337	25.99901	27.0163	26.3051	20.24951	19.7187	27.20706	26.4899	27.20706	26.4899
382192.2	3733585	21.86594	21.1583	29.36005	28.4071	29.36005	28.4071	28.82225	27.88549	28.82225	27.88549	29.16799	28.22089	21.86594	21.1583	29.36005	28.4071	29.36005	28.4071
382114.5	3733571	23.21462	22.05374	31.15621	29.59994	31.15621	29.59994	30.59005	29.05997	30.59005	29.05997	30.96327	29.41361	23.21462	22.05374	31.15621	29.59994	31.15621	29.59994
382137.1	3733720	22.22754	21.47996	29.83975	28.83415	29.83975	28.83415	29.29581	28.30776	29.29581	28.30776	29.64982	28.65044	22.22754	21.47996	29.83975	28.83415	29.83975	28.83415
382053.5	3733594	24.25206	23.17255	32.53737	31.08954	32.53737	31.08954	31.95013	30.52644	31.95013	30.52644	32.34476	30.90308	24.25206	23.17255	32.53737	31.08954	32.53737	31.08954
382054.7	3733544	24.41209	23.27413	32.75087	31.22492	32.75087	31.22492	32.16024	30.65966	32.16024	30.65966	32.55808	31.03827	24.41209	23.27413	32.75087	31.22492	32.75087	31.22492
382118.9	3733507	23.36363	22.13997	31.35539	29.71513	31.35539	29.71513	30.78584	29.17289	30.78584	29.17289	31.16172	29.52791	23.36363	22.13997	31.35539	29.71513	31.35539	29.71513
382171.4	3733530	22.2907	21.61771	29.92694	29.01993	29.92694	29.01993	29.37938	28.48783	29.37938	28.48783	29.73319	28.8321	22.2907	21.61771	29.92694	29.01993	29.92694	29.01993
382056	3733494	24.60197	23.32743	33.00443	31.2967	33.00443	31.2967	32.40982	30.73036	32.40982	30.73036	32.81121	31.10981	24.60197	23.32743	33.00443	31.2967	33.00443	31.2967

3.2.10 Changes Made to Appendix B.4, Draft General Conformity Determination

Section 3-1, Page 3-2

Revise the first bullet, as follows:

- The proposed improvements at Berths 230-232 are also designed to accommodate larger ships and would include: 1) dredging to increase the depth from -45 to -47 feet MLLW plus two feet of over depth tolerance (for a total of -49 feet MLLW); and 2) the installation of approximately 1,400 linear feet of sheet piles to stabilized the wharf.

Revise the second bullet, as follows:

- The LAHD has proposed to dispose of approximately 38,000 cubic yards of dredged materials (30,000 cubic yards from Berths 226-229 and 8,000 cubic yards from Berths 230-232) at an approved ocean disposal site (i.e., LA-2), an approved upland disposal facility, or a combination of the two. However, the Los Angeles Region Dredged Materials Management Team/Contaminated Sediments Task Force has evaluated the sediments and determined all the dredged material is suitable for ocean disposal at LA-2. Approval of ocean disposal by the USACE and USEPA is pending.

Revise MM AQ-5, as follows:

MM AQ-5: General Construction Mitigation Measure. All dredging equipment must be electric; however, this is subject to availability of the equipment. For MM AQ-1 through MM AQ-4, if a California Air Resources Board (CARB)-certified technology becomes available that is as good as or better than the existing measure in terms of emissions performance, the technology could replace the existing technology if approved by LAHD

Section 3-1, Page 3-3

Delete the final paragraph and MM AQ-6, as follows:

~~In addition, the following measure will reduce operational impacts associated with the delivery by cargo ship of the new wharf cranes:~~

~~**MM AQ-6: Vessel Speed Reduction Program (VSRP).** Starting January 1, 2019 and thereafter, 95 percent of Evergreen ships calling at the Everport Container Terminal shall be required to comply with the expanded VSRP at 12 knots between 40 nm from Point Fermin and the Precautionary Area. Starting January 1, 2026, 95 percent of all ships calling at the Everport Container Terminal will follow this requirement. Alternative Compliance Plans will be considered where a different speed that would result in fewer emissions compared to the current speed limits.~~

~~Any alternative compliance plan shall be submitted to LAHD at least 90 days in advance for approval and shall be supported by data that demonstrates the ability of the alternative compliance plan for the specific vessel and type to achieve emissions~~

~~reductions comparable to or greater than those achievable by compliance with VSRP. The alternative compliance plan shall be implemented once written notice of approval is granted by the LAHD.~~

Section 4-2, Pages 4-1 through 4-2

Revise the last sentence in the final paragraph, as follows:

The emission estimating process is discussed in more detail in Berths 226-236 [Everport] Container Terminal Improvements Project Draft EIS/EIR (see Section 3.2, Air Quality and Meteorology, and Appendix B of the Draft EIS/EIR – USACE/~~US~~LAHD 2017a).

Section 5-3, Page 5-3, Table 5-2

Revise Table 5-1, as follows:

Table 5-2 General Conformity *de minimis* Thresholds for the South Coast Air Basin

Criteria Pollutant: and Quantified Precursors	SCAB Attainment Status Designations	*de minimis* Threshold tons per year (tpy)
Nitrogen Dioxide: **NOx**	Attainment/Maintenance	--- 100
Ozone: **NOx** **VOC**	Nonattainment/Extreme	--- 10 10
Carbon Monoxide	Attainment/Maintenance	100
Particulate Matter PM_{10}	Attainment/Maintenance	100
Particulate Matter $PM_{2.5}$: **Directly Emitted $PM_{2.5}$** **SOx** **NOx** **VOC**	Nonattainment/Serious	--- 70 70 70 70
Lead	Nonattainment	25

Source: 40 CFR § 93.153(b)(1)

Section 5-4, Page 5-3

Add a new sentence to the paragraph following Table 5-3, as follows:

The total of direct and indirect emissions of VOC, CO, SOx, PM10, and PM2.5 from the federal action are less than the general conformity de minimis threshold emission rates shown in Table 5-2. In addition, the federal action does not generate lead (Pb) emissions. Therefore, the general conformity regulations do not apply to these pollutants, and no additional conformity evaluation need be made for these pollutants.

Section 8-2, Page 8-1

Revise the second sentence in the paragraph, as follows:

On behalf of t~~T~~he USACE, LAHD will also place a notice in a daily newspaper of general circulation in the SCAB announcing the availability of its final GCD within 30 days of its promulgation.

Section 10, Page 10-2

Revise the fourth reference, as follows:

U.S. Army Corps of Engineers/Los Angeles Harbor Department (USACE/LAHD). 2017. Berths 226- 236 [Everport] Container Terminal I~~i~~mprovements Project Draft EIS/EIR. April.

Revise the page number, as follows:

3.2.11 Changes Made to Appendix F.2, Evaluation of Dredged Material Disposal Option

Page 10

Revise first two paragraphs under "Impacts of Ocean Disposal" on Page 10, as follows:

IMPACTS of OCEAN DISPOSAL

The environmental impacts from ocean disposal at LA-2 were considered during the site designation process, and re-evaluated at an increased disposal volume (USEPA and USACE 2005). Impacts to water quality, sediment quality, and biological resources were considered "not significant." The continued use of the site to dispose of sediments that meet the acceptance criteria, including disposal of sediments from the Everport Container Terminal, is unlikely to interfere with other ocean uses, such as shipping, fishing, recreation, and oil and gas development. Based on the results of the sediment characterization study, the sediments to be dredged from the proposed Project site are suitable for disposal at LA-2. The testing also confirmed there would be little to no risk of bioaccumulation or risk to humans, marine life, and the marine environment from ocean disposal.

Impacts to Aesthetic, Recreational, and Economic Values

The environmental impacts from ocean disposal at LA-2 were considered during the site designation process, and re-evaluated at an increased disposal volume (USEPA and USACE 2005). Dredged material disposal activities have occurred at LA-2 since the late 1970s. The continued use of the site is unlikely to interfere with other ocean uses, such as shipping, fishing, and recreation. The disposal of sediments from the Everport Container Terminal would not result in an unacceptable aesthetic nuisance in recreational areas, nor contain pathogenic organisms that may cause a public health hazard, either directly or through contamination of the marine environment, fisheries or shell fisheries. The disposal of materials considered hazardous is prohibited at LA-2. The dredged material would not contain chemical constituents that ~~may affect~~ would adversely affect marine life or humans directly, or that may bioaccumulate or persist, and subsequently have an adverse effect on the marine environment, on humans directly or through food chain interactions (Ramboll Environ 2015).

3.3 Additional Appendices

Investigation of 2033 HRA Start Year for the Everport Container Terminal Improvements Project

Attached is the Investigation of 2033 HRA Start Year for the Everport Container Terminal Improvements Project.

Additional Appendix

Investigation of 2033 HRA Start Year for the Everport Container Terminal Improvements Project

Castle Environmental Consulting, LLC

Memorandum

To: Port of Los Angeles Environmental Management Division

From: John Castleberry/CEC

Date: 8/14/2017

Re: **Investigation of 2033 HRA Start Year for the Everport Container Terminal Improvements Project**

The estimate of cancer risk in the DEIS/EIR for the Everport Container Terminal Improvements Project assumed an exposure period start year of 2018. The 2018 start year was conservatively selected to capture the combined effect of construction and operational emissions during the first two years of the 30-year exposure period. Moreover, the risk calculation conservatively assumed that the exposed persons (receptors) would be at their most sensitive life stage (3rd trimester fetus to age 2) during this overlapping construction and operational period.

In its June 5, 2017 comment letter, the California Air Resources Board (CARB) suggested that the Port revise the Everport HRA to include an evaluation of the potential cancer risk starting in 2033, when operational PM10 and PM2.5 emissions from certain source categories would reach their peak. This memorandum investigates the potential cancer risks associated with a 2033 HRA start year.

Analysis Approach

Maximum cancer risks associated with a 2033 start year were estimated by scaling the maximum cancer risks in the DEIS/EIR (which correspond to a 2018 start year). The NEPA increment cancer risks at residential and sensitive receptors were selected for the scaling analysis because they represent the highest cancer risks estimated in the DEIS/EIR for the proposed Project. Tables B3-6 and B3-8 of the DEIS/EIR Appendix B3 show the following maximum NEPA increment (proposed Project minus NEPA baseline) cancer risks associated with a 2018 start year:

- Unmitigated proposed Project: 16.1 in a million at a residential receptor
- Unmitigated proposed Project: 11.7 in a million at a sensitive receptor
- Mitigated proposed Project: 9.0 in a million at a residential receptor
- Mitigated proposed Project: 7.0 in a million at a sensitive receptor

The contributions by source category to these four risk results are shown in Tables 1 through 4, below. The source contributions are provided by exposure sub-period, where the sub-periods correspond to receptor age ranges with common cancer risk calculation assumptions as set forth in OEHHA (2015). The sub-periods are defined as follows:

- Project Year 1-2 represents the first two years of project emissions and a receptor age of 3rd trimester fetus to age 2.

- Project Year 3-16 represents the 3rd through 16th year of project emissions and a receptor age of 2 to 16.

- Project Year 17-30 represents the 17th through 30th year of project emissions and a receptor age of 16 to 30.

The contributions to risk in Tables 1 through 4 show the absolute proposed Project risks prior to subtracting the NEPA baseline. The absolute proposed Project risks correspond to the third column in Tables B3-6 and B3-8 of the DEIS/EIR Appendix B3.

Table 1. Cancer Risk by Source Category at the Maximum Residential Receptor under NEPA - Proposed Project without Mitigation - 2018 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	8.81E-06	0	0	8.81E-06	14.9%
Construction Onroad Vehicles	2.09E-08	0	0	2.09E-08	0.04%
Construction Crane Delivery Ship	7.97E-08	0	0	7.97E-08	0.1%
Construction Harborcraft	1.32E-06	0	0	1.32E-06	2.2%
Construction Asphalt Paving	4.39E-09	0	0	4.39E-09	0.007%
Operation					
Ships in Transit	6.76E-06	8.57E-06	1.17E-06	1.65E-05	27.9%
Ships at Berth	2.63E-06	4.35E-06	6.75E-07	7.66E-06	12.9%
Ships at Anchorage	6.36E-09	1.01E-07	1.51E-08	1.23E-07	0.2%
Tugboats	9.89E-07	1.18E-06	1.36E-07	2.30E-06	3.9%
Trucks at Gates and On-Terminal	9.20E-07	3.26E-07	9.84E-09	1.26E-06	2.1%
Trucks Driving Off-Terminal	1.23E-06	7.24E-07	5.54E-08	2.01E-06	3.4%
Locomotives	1.17E-06	1.09E-06	9.02E-08	2.35E-06	4.0%
Cargo Handling Equipment	6.37E-06	9.04E-06	1.24E-06	1.67E-05	28.1%
Worker Vehicles	3.44E-08	3.91E-08	6.61E-09	8.01E-08	0.1%
Total	**3.03E-05**	**2.54E-05**	**3.40E-06**	**5.92E-05**	**100.0%**

Notes:
1. Risks by source category and exposure sub-period were calculated using HARP2.
2. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.
3. Project Year 1-2 represents 2018-2019; Project Year 3-16 represents 2020-2033; Project Year 17-30 represents 2034-2047.

Table 2. Cancer Risk by Source Category at the Maximum Sensitive Receptor under NEPA - Proposed Project without Mitigation - 2018 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	6.08E-06	0	0	6.08E-06	13.3%
Construction Onroad Vehicles	1.57E-08	0	0	1.57E-08	0.03%
Construction Crane Delivery Ship	5.05E-08	0	0	5.05E-08	0.1%
Construction Harborcraft	1.23E-06	0	0	1.23E-06	2.7%
Construction Asphalt Paving	2.07E-09	0	0	2.07E-09	0.005%
Operation					
Ships in Transit	5.20E-06	6.59E-06	9.02E-07	1.27E-05	27.7%
Ships at Berth	1.55E-06	2.56E-06	3.97E-07	4.50E-06	9.8%
Ships at Anchorage	4.52E-09	7.19E-08	1.07E-08	8.72E-08	0.2%
Tugboats	9.95E-07	1.18E-06	1.37E-07	2.32E-06	5.1%
Trucks at Gates and On-Terminal	5.67E-07	1.97E-07	5.64E-09	7.69E-07	1.7%
Trucks Driving Off-Terminal	1.19E-06	7.00E-07	5.41E-08	1.95E-06	4.2%
Locomotives	1.09E-06	1.01E-06	8.42E-08	2.19E-06	4.8%
Cargo Handling Equipment	5.28E-06	7.50E-06	1.03E-06	1.38E-05	30.2%
Worker Vehicles	3.69E-08	4.09E-08	6.95E-09	8.47E-08	0.2%
Total	**2.33E-05**	**1.98E-05**	**2.63E-06**	**4.58E-05**	**100.0%**

Notes:

1. Risks by source category and exposure sub-period were calculated using HARP2.
2. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.
3. Project Year 1-2 represents 2018-2019; Project Year 3-16 represents 2020-2033; Project Year 17-30 represents 2034-2047.

Table 3. Cancer Risk by Source Category at the Maximum Residential Receptor under NEPA - Proposed Project with Mitigation - 2018 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	8.08E-06	0	0	8.08E-06	14.8%
Construction Onroad Vehicles	1.93E-08	0	0	1.93E-08	0.0%
Construction Crane Delivery Ship	7.97E-08	0	0	7.97E-08	0.1%
Construction Harborcraft	6.59E-07	0	0	6.59E-07	1.2%
Construction Asphalt Paving	4.39E-09	0	0	4.39E-09	0.0%
Operation					
Ships in Transit	6.76E-06	8.57E-06	1.17E-06	1.65E-05	30.2%
Ships at Berth	2.36E-06	1.97E-06	2.76E-07	4.60E-06	8.4%
Ships at Anchorage	6.36E-09	1.01E-07	1.51E-08	1.23E-07	0.2%
Tugboats	9.89E-07	1.18E-06	1.36E-07	2.30E-06	4.2%
Trucks at Gates and On-Terminal	9.20E-07	3.26E-07	9.84E-09	1.26E-06	2.3%
Trucks Driving Off-Terminal	1.23E-06	7.24E-07	5.54E-08	2.01E-06	3.7%
Locomotives	1.17E-06	1.09E-06	9.02E-08	2.35E-06	4.3%
Cargo Handling Equipment	6.37E-06	9.04E-06	1.24E-06	1.67E-05	30.4%
Worker Vehicles	3.44E-08	3.91E-08	6.61E-09	8.01E-08	0.1%
Total	**2.87E-05**	**2.30E-05**	**3.00E-06**	**5.47E-05**	**100.0%**

Notes:

1. Risks by source category and exposure sub-period were estimated by scaling from the unmitigated risks by the ratio of mitigated emissions/unmitigated emissions.
2. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.
3. Project Year 1-2 represents 2018-2019; Project Year 3-16 represents 2020-2033; Project Year 17-30 represents 2034-2047.

Table 4. Cancer Risk by Source Category at the Maximum Sensitive Receptor under NEPA - Proposed Project with Mitigation - 2018 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	5.58E-06	0	0	5.58E-06	13.0%
Construction Onroad Vehicles	1.45E-08	0	0	1.45E-08	0.0%
Construction Crane Delivery Ship	5.05E-08	0	0	5.05E-08	0.1%
Construction Harborcraft	6.15E-07	0	0	6.15E-07	1.4%
Construction Asphalt Paving	2.07E-09	0	0	2.07E-09	0.0%
Operation					
Ships in Transit	5.20E-06	6.59E-06	9.02E-07	1.27E-05	29.6%
Ships at Berth	1.39E-06	1.16E-06	1.62E-07	2.71E-06	6.3%
Ships at Anchorage	4.52E-09	7.19E-08	1.07E-08	8.72E-08	0.2%
Tugboats	9.95E-07	1.18E-06	1.37E-07	2.32E-06	5.4%
Trucks at Gates and On-Terminal	5.67E-07	1.97E-07	5.64E-09	7.69E-07	1.8%
Trucks Driving Off-Terminal	1.19E-06	7.00E-07	5.41E-08	1.95E-06	4.5%
Locomotives	1.09E-06	1.01E-06	8.42E-08	2.19E-06	5.1%
Cargo Handling Equipment	5.28E-06	7.50E-06	1.03E-06	1.38E-05	32.2%
Worker Vehicles	3.69E-08	4.09E-08	6.95E-09	8.47E-08	0.2%
Total	**2.20E-05**	**1.84E-05**	**2.39E-06**	**4.28E-05**	**100.0%**

Notes:

1. Risks by source category and exposure sub-period were estimated by scaling from the unmitigated risks by the ratio of mitigated emissions/unmitigated emissions.
2. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.
3. Project Year 1-2 represents 2018-2019; Project Year 3-16 represents 2020-2033; Project Year 17-30 represents 2034-2047.

Table 5 shows the scaling factors that were applied to the source contributions in Tables 1 through 4 to estimate the risks for the 2033 start year. The scaling factors were derived from the ratio of proposed Project-related PM10 exhaust emissions during the exposure sub-periods within the 2033-2062 exposure duration relative to the 2018-2047 exposure duration. The ratio of PM10 emissions is a good surrogate for the ratio of cancer risk because almost all PM10 is diesel particulate matter (DPM) exhaust for the key sources in the HRA, and DPM is responsible for nearly all of the cancer risk.

Table 5. Scaling Factors by Source Category to Convert from a 2018 HRA Start to a 2033 HRA Start

Source Category	Unmitigated Project			Mitigated Project		
	Project Year 1-2	Project Year 3-16	Project Year 17-30	Project Year 1-2	Project Year 3-16	Project Year 17-30
Construction						
Construction Offroad Equipment	0	0	0	0	0	0
Construction Onroad Vehicles	0	0	0	0	0	0
Construction Crane Delivery Ship	0	0	0	0	0	0
Construction Harborcraft	0	0	0	0	0	0
Construction Asphalt Paving	0	0	0	0	0	0
Operation						
Ships in Transit	1.47	1.22	1.00	1.47	1.22	1.00
Ships at Berth	2.43	1.24	1.00	1.11	1.12	1.00
Ships at Anchorage	21.05	1.28	1.00	21.05	1.28	1.00
Tugboats	1.44	1.03	0.96	1.44	1.03	0.96
Trucks at Gates and On-Terminal	0.03	0.11	1.00	0.03	0.11	1.00
Trucks Driving Off-Terminal	0.30	0.51	0.98	0.30	0.51	0.98
Locomotives	0.90	0.71	0.92	0.90	0.71	0.92
Cargo Handling Equipment	1.50	1.18	1.00	1.50	1.18	1.00
Worker Vehicles	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

1. Scaling factors were derived from the ratio of PM10 exhaust emissions from a 2033 start relative to a 2018 start during each of the indicated exposure sub-periods.

2. Construction scaling factors are zero because there would be no construction during an exposure period that starts in 2033.

Analysis Results

Tables 6 through 9 show the estimated proposed Project cancer risks associated with a 2033 HRA start year for residential and sensitive receptors, without and with mitigation. The risks were obtained by multiplying the risk contributions in Tables 1 through 4 by the scaling factors in Table 5. The risks in Tables 6 through 9 are the absolute proposed Project risks prior to subtracting the NEPA baseline.

The bottom two rows of Tables 6 through 9 show how the cancer risks would change for a 2033 start year relative to a 2018 start year:

- Table 6 shows that, without mitigation, the estimated risk at the maximum residential receptor would increase by approximately 2.3 in a million (3.9 percent of proposed Project absolute) with a 2033 start year. Therefore, the estimated NEPA increment cancer risk would increase from 16.1 to approximately 18.4 in a million. Both results would exceed the significance threshold of 10 in a million.

- Table 7 shows that, without mitigation, the estimated risk at the maximum sensitive receptor would increase by approximately 1.7 in a million (3.6 percent of proposed Project absolute)

with a 2033 start year. Therefore, the estimated NEPA increment cancer risk would increase from 11.7 to approximately 13.4 in a million. Both results would exceed the significance threshold of 10 in a million.

- Table 8 shows that, with mitigation, the estimated risk at the maximum residential receptor would decrease by approximately 0.6 in a million (1.1 percent of proposed Project absolute) with a 2033 start year. Therefore, the estimated NEPA increment cancer risk would decrease from 9.0 to approximately 8.4 in a million. Neither result would exceed the significance threshold of 10 in a million.

- Table 9 shows that, with mitigation, the estimated risk at the maximum sensitive receptor would increase by approximately 0.2 in a million (0.6 percent of proposed Project absolute) with a 2033 start year. Therefore, the estimated NEPA increment cancer risk would increase from 7.0 to approximately 7.2 in a million. Neither result would exceed the significance threshold of 10 in a million.

In summary, the scaling analysis described in this memorandum predicts that the maximum cancer risks for the proposed Project would differ by a range of -0.6 to +2.3 in a million at the maximum NEPA increment receptors, depending on the receptor type and whether mitigation is applied, for a 2033 start year relative to a 2018 start year. None of the four scenarios analyzed in this memorandum would change its significance finding with a 2033 HRA start year.

Table 6. Estimated Cancer Risk by Source Category at the Maximum Residential Receptor under NEPA - Proposed Project without Mitigation - 2033 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	0	0	0	0	0.0%
Construction Onroad Vehicles	0	0	0	0	0.0%
Construction Crane Delivery Ship	0	0	0	0	0.0%
Construction Harborcraft	0	0	0	0	0.0%
Construction Asphalt Paving	0	0	0	0	0.0%
Operation					
Ships in Transit	9.97E-06	1.05E-05	1.17E-06	2.16E-05	35.2%
Ships at Berth	6.39E-06	5.40E-06	6.75E-07	1.25E-05	20.3%
Ships at Anchorage	1.34E-07	1.29E-07	1.51E-08	2.78E-07	0.5%
Tugboats	1.43E-06	1.21E-06	1.30E-07	2.76E-06	4.5%
Trucks at Gates and On-Terminal	2.81E-08	3.68E-08	9.84E-09	7.47E-08	0.1%
Trucks Driving Off-Terminal	3.69E-07	3.72E-07	5.44E-08	7.95E-07	1.3%
Locomotives	1.06E-06	7.73E-07	8.30E-08	1.91E-06	3.1%
Cargo Handling Equipment	9.56E-06	1.07E-05	1.24E-06	2.15E-05	35.0%
Worker Vehicles	3.44E-08	3.91E-08	6.61E-09	8.01E-08	0.1%
Total	**2.90E-05**	**2.91E-05**	**3.39E-06**	**6.15E-05**	**100%**
Change Relative to 2018 HRA Start				**2.32E-06**	
Change Relative to 2018 HRA Start (%)				**3.9%**	

Notes:

1. Risks associated with a 2033 start were estimated by applying the scaling factors (Table 5) to the risks associated with a 2018 start (Table 1).
2. Project Year 1-2 represents 2033-2034; Project Year 3-16 represents 2035-2048; Project Year 17-30 represents 2049-2062.
3. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.

Table 7. Estimated Cancer Risk by Source Category at the Maximum Sensitive Receptor under NEPA - Proposed Project without Mitigation - 2033 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	0	0	0	0	0.0%
Construction Onroad Vehicles	0	0	0	0	0.0%
Construction Crane Delivery Ship	0	0	0	0	0.0%
Construction Harborcraft	0	0	0	0	0.0%
Construction Asphalt Paving	0	0	0	0	0.0%
Operation					
Ships in Transit	7.67E-06	8.05E-06	9.02E-07	1.66E-05	35.0%
Ships at Berth	3.76E-06	3.17E-06	3.97E-07	7.33E-06	15.5%
Ships at Anchorage	9.52E-08	9.20E-08	1.07E-08	1.98E-07	0.4%
Tugboats	1.43E-06	1.21E-06	1.31E-07	2.78E-06	5.9%
Trucks at Gates and On-Terminal	1.73E-08	2.22E-08	5.64E-09	4.52E-08	0.1%
Trucks Driving Off-Terminal	3.58E-07	3.59E-07	5.31E-08	7.71E-07	1.6%
Locomotives	9.84E-07	7.20E-07	7.75E-08	1.78E-06	3.8%
Cargo Handling Equipment	7.92E-06	8.87E-06	1.03E-06	1.78E-05	37.6%
Worker Vehicles	3.69E-08	4.09E-08	6.95E-09	8.47E-08	0.2%
Total	**2.23E-05**	**2.25E-05**	**2.61E-06**	**4.74E-05**	**100%**
Change Relative to 2018 HRA Start				**1.65E-06**	
Change Relative to 2018 HRA Start (%)				**3.6%**	

Notes:

1. Risks associated with a 2033 start were estimated by applying the scaling factors (Table 5) to the risks associated with a 2018 start (Table 2).
2. Project Year 1-2 represents 2033-2034; Project Year 3-16 represents 2035-2048; Project Year 17-30 represents 2049-2062.
3. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.

Table 8. Estimated Cancer Risk by Source Category at the Maximum Residential Receptor under NEPA - Proposed Project with Mitigation - 2033 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	0	0	0	0	0.0%
Construction Onroad Vehicles	0	0	0	0	0.0%
Construction Crane Delivery Ship	0	0	0	0	0.0%
Construction Harborcraft	0	0	0	0	0.0%
Construction Asphalt Paving	0	0	0	0	0.0%
Operation					
Ships in Transit	9.97E-06	1.05E-05	1.17E-06	2.16E-05	39.9%
Ships at Berth	2.62E-06	2.21E-06	2.76E-07	5.10E-06	9.4%
Ships at Anchorage	1.34E-07	1.29E-07	1.51E-08	2.78E-07	0.5%
Tugboats	1.43E-06	1.21E-06	1.30E-07	2.76E-06	5.1%
Trucks at Gates and On-Terminal	2.81E-08	3.68E-08	9.84E-09	7.47E-08	0.1%
Trucks Driving Off-Terminal	3.69E-07	3.72E-07	5.44E-08	7.95E-07	1.5%
Locomotives	1.06E-06	7.73E-07	8.30E-08	1.91E-06	3.5%
Cargo Handling Equipment	9.56E-06	1.07E-05	1.24E-06	2.15E-05	39.7%
Worker Vehicles	3.44E-08	3.91E-08	6.61E-09	8.01E-08	0.1%
Total	**2.52E-05**	**2.59E-05**	**2.99E-06**	**5.41E-05**	**100%**
Change Relative to 2018 HRA Start				**-5.93E-07**	
Change Relative to 2018 HRA Start (%)				**-1.1%**	

Notes:

1. Risks associated with a 2033 start were estimated by applying the scaling factors (Table 5) to the risks associated with a 2018 start (Table 3).
2. Project Year 1-2 represents 2033-2034; Project Year 3-16 represents 2035-2048; Project Year 17-30 represents 2049-2062.
3. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.

Table 9. Estimated Cancer Risk by Source Category at the Maximum Sensitive Receptor under NEPA - Proposed Project with Mitigation - 2033 HRA Start Year

Source Category	Exposure Sub-Period			Total Risk	Percent Contribution
	Project Year 1-2	Project Year 3-16	Project Year 17-30		
Construction					
Construction Offroad Equipment	0	0	0	0	0.0%
Construction Onroad Vehicles	0	0	0	0	0.0%
Construction Crane Delivery Ship	0	0	0	0	0.0%
Construction Harborcraft	0	0	0	0	0.0%
Construction Asphalt Paving	0	0	0	0	0.0%
Operation					
Ships in Transit	7.67E-06	8.05E-06	9.02E-07	1.66E-05	38.6%
Ships at Berth	1.54E-06	1.30E-06	1.62E-07	3.00E-06	7.0%
Ships at Anchorage	9.52E-08	9.20E-08	1.07E-08	1.98E-07	0.5%
Tugboats	1.43E-06	1.21E-06	1.31E-07	2.78E-06	6.4%
Trucks at Gates and On-Terminal	1.73E-08	2.22E-08	5.64E-09	4.52E-08	0.1%
Trucks Driving Off-Terminal	3.58E-07	3.59E-07	5.31E-08	7.71E-07	1.8%
Locomotives	9.84E-07	7.20E-07	7.75E-08	1.78E-06	4.1%
Cargo Handling Equipment	7.92E-06	8.87E-06	1.03E-06	1.78E-05	41.3%
Worker Vehicles	3.69E-08	4.09E-08	6.95E-09	8.47E-08	0.2%
Total	**2.01E-05**	**2.07E-05**	**2.38E-06**	**4.31E-05**	**100%**
Change Relative to 2018 HRA Start				**2.47E-07**	
Change Relative to 2018 HRA Start (%)				**0.6%**	

Notes:

1. Risks associated with a 2033 start were estimated by applying the scaling factors (Table 5) to the risks associated with a 2018 start (Table 4).
2. Project Year 1-2 represents 2033-2034; Project Year 3-16 represents 2035-2048; Project Year 17-30 represents 2049-2062.
3. Risks shown are for the absolute proposed Project, prior to subtracting the NEPA baseline risk.

References

OEHHA, 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*. February.