

APPENDIX A

Native American Consultation

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November 17, 2025

Charles Alvarez, Chairperson
Gabrielino-Tongva Tribe
23454 Vanowen Street
West Hills, CA 91307

Email: Chavez1956metro@gmail.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Chairperson Alvarez:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

Project Description

The SAR facility is located on Pier T within the Long Beach Harbor District on Port-owned property at 482 Pier T Avenue, Long Beach, CA 90802. Improvements to be removed/demolished include office buildings, parking lot, stockpile yard, loading and maintenance facilities, and miscellaneous utilities owned by SA Recycling LLC. The demolition activities are not anticipated to result in excavation activities that disturb soils beyond the fill materials that support the existing on-site facilities. In the event that contaminated soils are identified, those would be removed in accordance with applicable regulatory requirements.

There is currently no proposed development, proposed operations, or proposed new land uses for the site following the proposed demolition of the facility. Following the completion of the Site restoration activities, the Site shall consist of an unfenced, rough-graded dirt lot improved with the existing wharf and crane and rail system on the eastern side of the Site. Because there is no pending proposal for the project site, the site will remain in this condition subject to the Port's determination for future use.

Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Gabrielino-Tongva Tribe has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Gabrielino-Tongva Tribe request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Gabrielino-Tongva Tribe may have on the proposed Project.

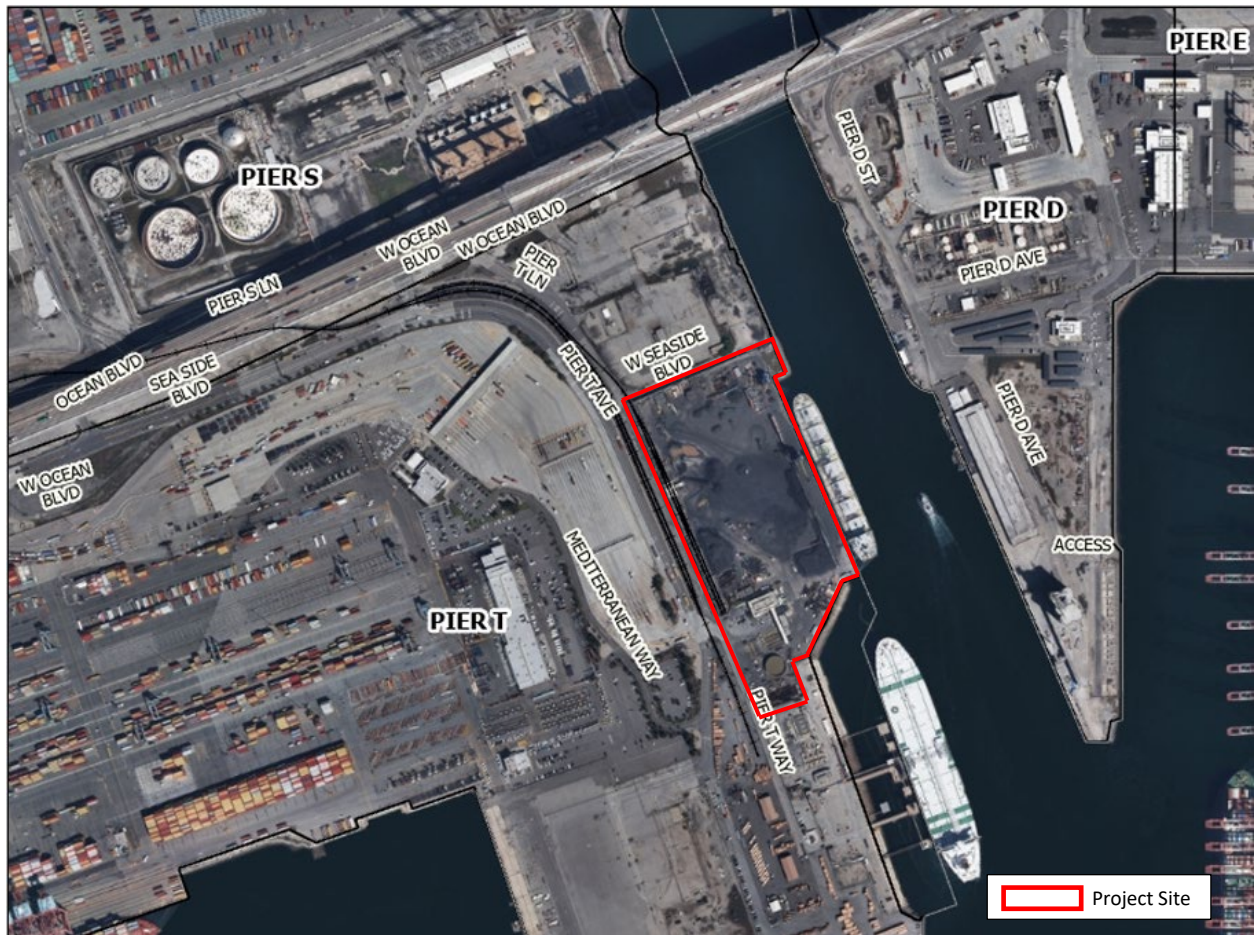
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Nathan Banda, Chairperson
Juaneno Band of Mission Indians Acjachemen Nation 84A
31411-A La Matanza Street
San Juan Capistrano, CA 92675

Email: nbanda@jbmian.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Chairperson Banda:

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Project Contact Information and to Request Consultation

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Port of Long Beach
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Email: jennifer.williams@polb.com

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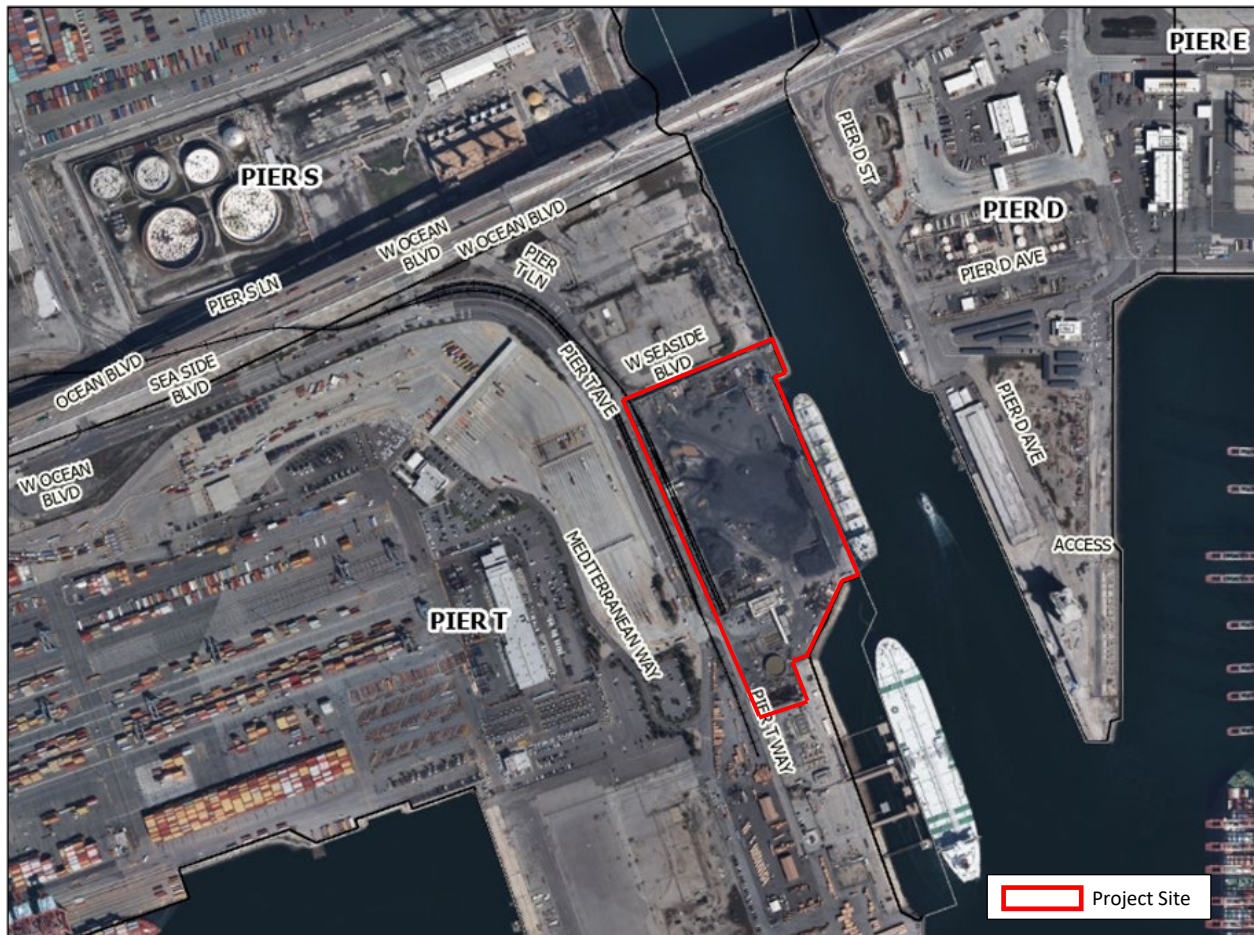
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Renee Moilanen
Director of Environmental Planning

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- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Christina Conley, Cultural Resource Administrator
Gabrielino Tongva Indians of California Tribal Council
P.O. Box 941078
Simi Valley, CA 93094

Email: christina.marsden@alumni.usc.edu

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
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Dear Christina Conley:

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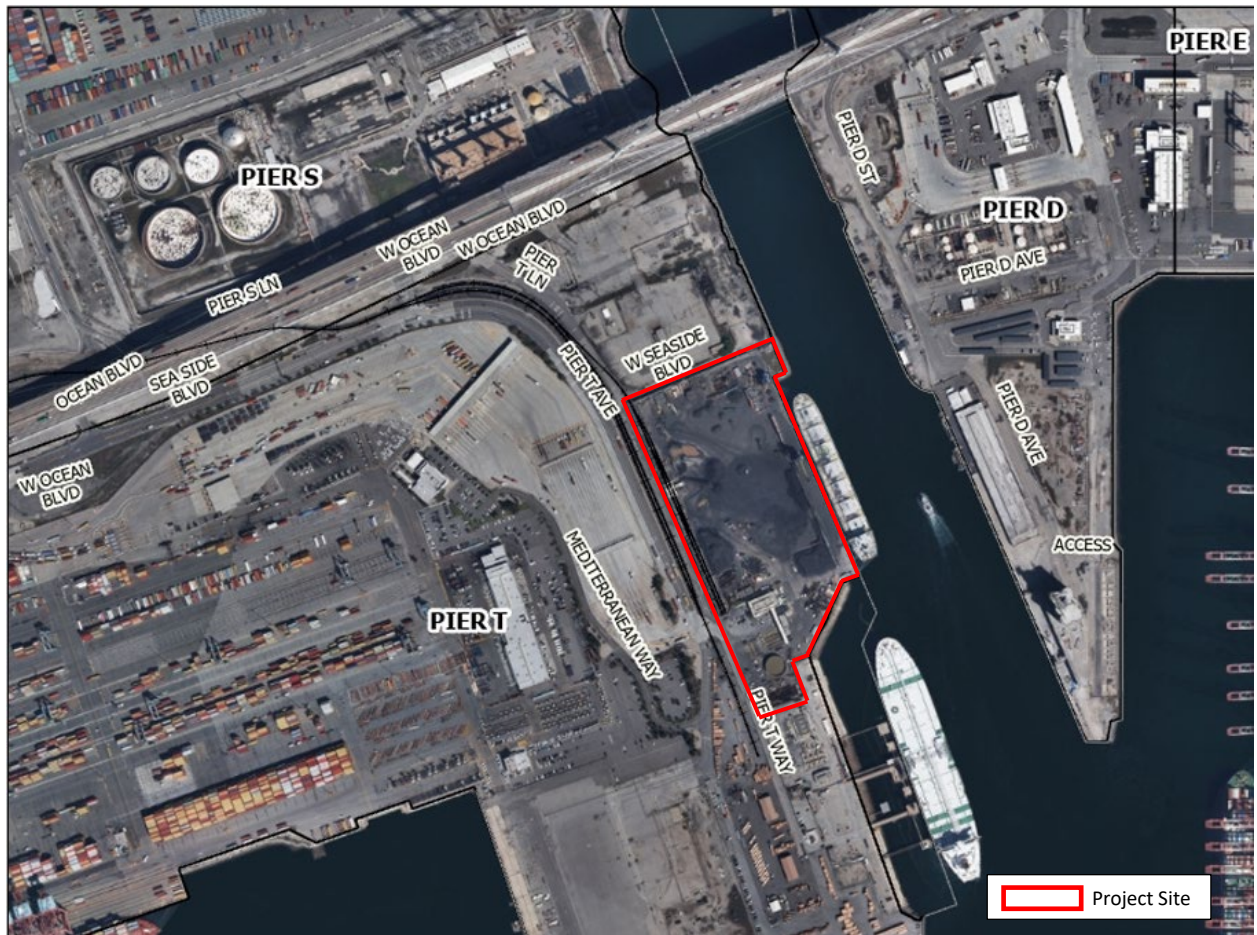
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Renee Moilanen
Director of Environmental Planning

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- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Robert Dorame, Chairperson
Gabrielino Tongva Indians of California Tribal Council
P.O. Box 490
Bellflower, CA 90707

Email: gtongva@gmail.com

**Subject: SA Recycling, LLC Facility Demolition Project
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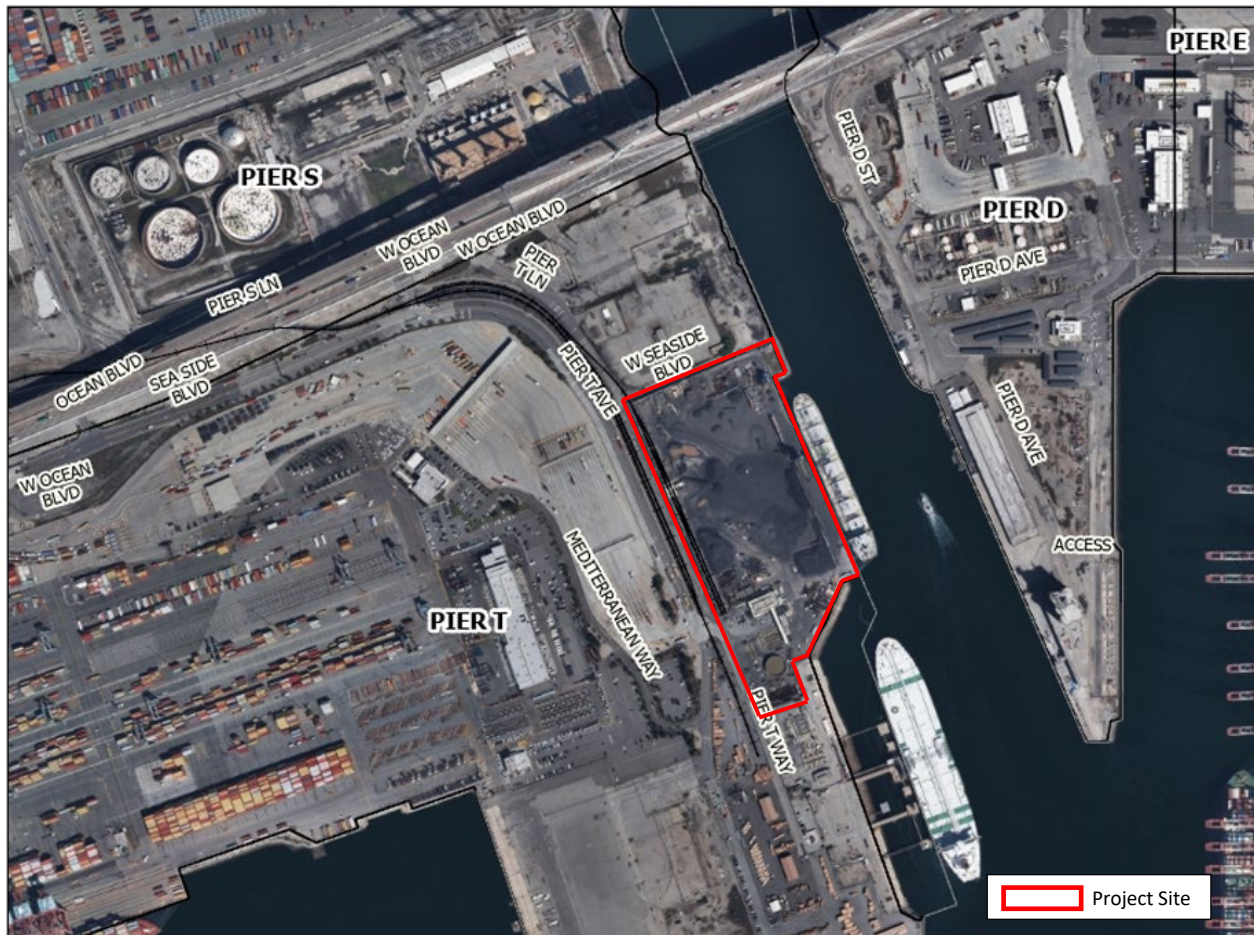
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Renee Moilanen
Director of Environmental Planning

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- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Sam Dunlap, Cultural Resource Director
Gabrielino-Tongva Tribe
P.O. Box 3919
Seal Beach, CA 90740

Email: tongvatcr@gmail.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
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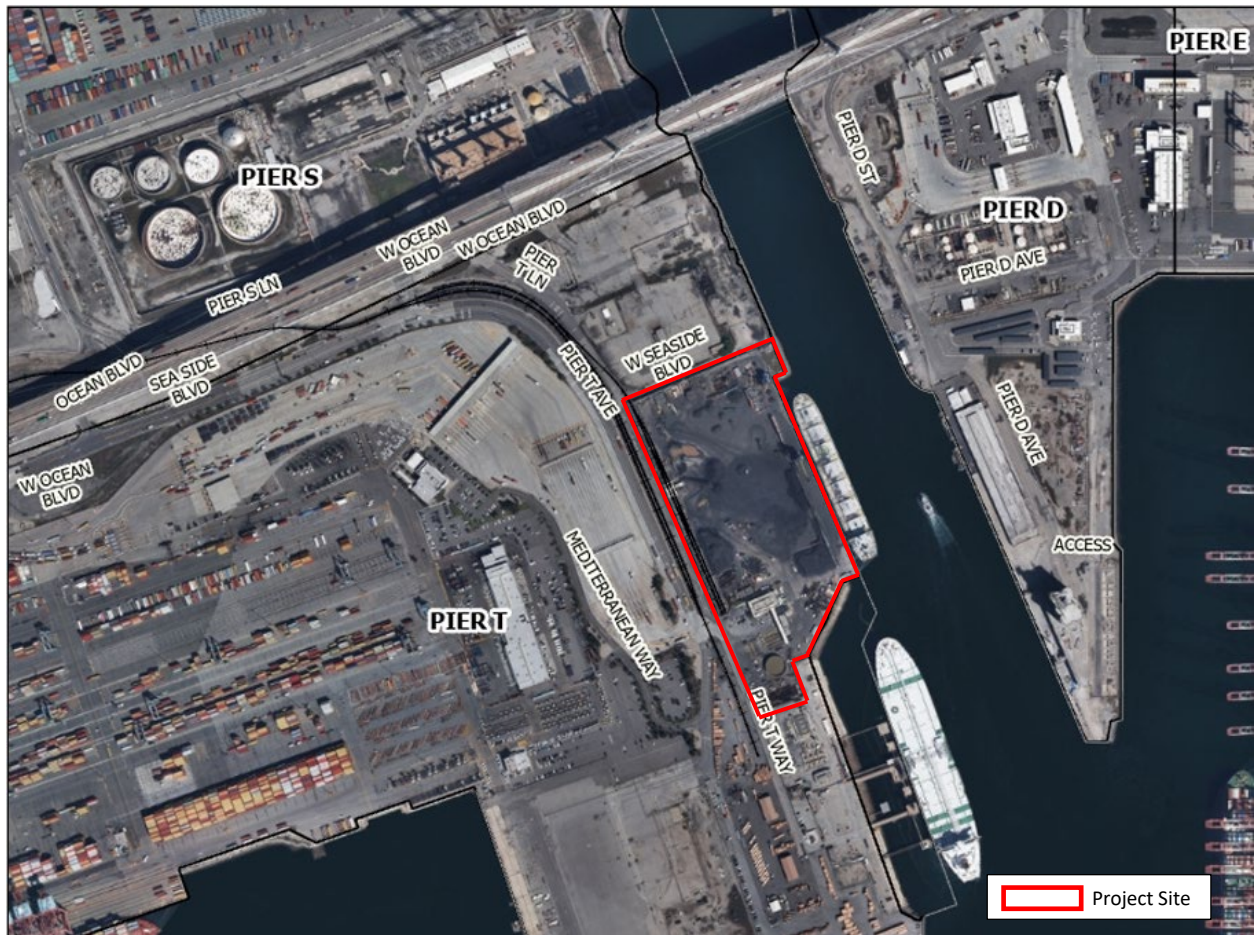
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Renee Moilanen
Director of Environmental Planning

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SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

BobbyRay Esparza, Cultural Director
Cahuilla Band of Indians
52701 CA Highway 371
Anza, CA 92539

Email: besparza@cahuilla-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
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AB 52 Formal Notification of Decision to Undertake a Project and
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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Cahuilla Band of Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Cahuilla Band of Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

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Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
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Email: jennifer.williams@polb.com

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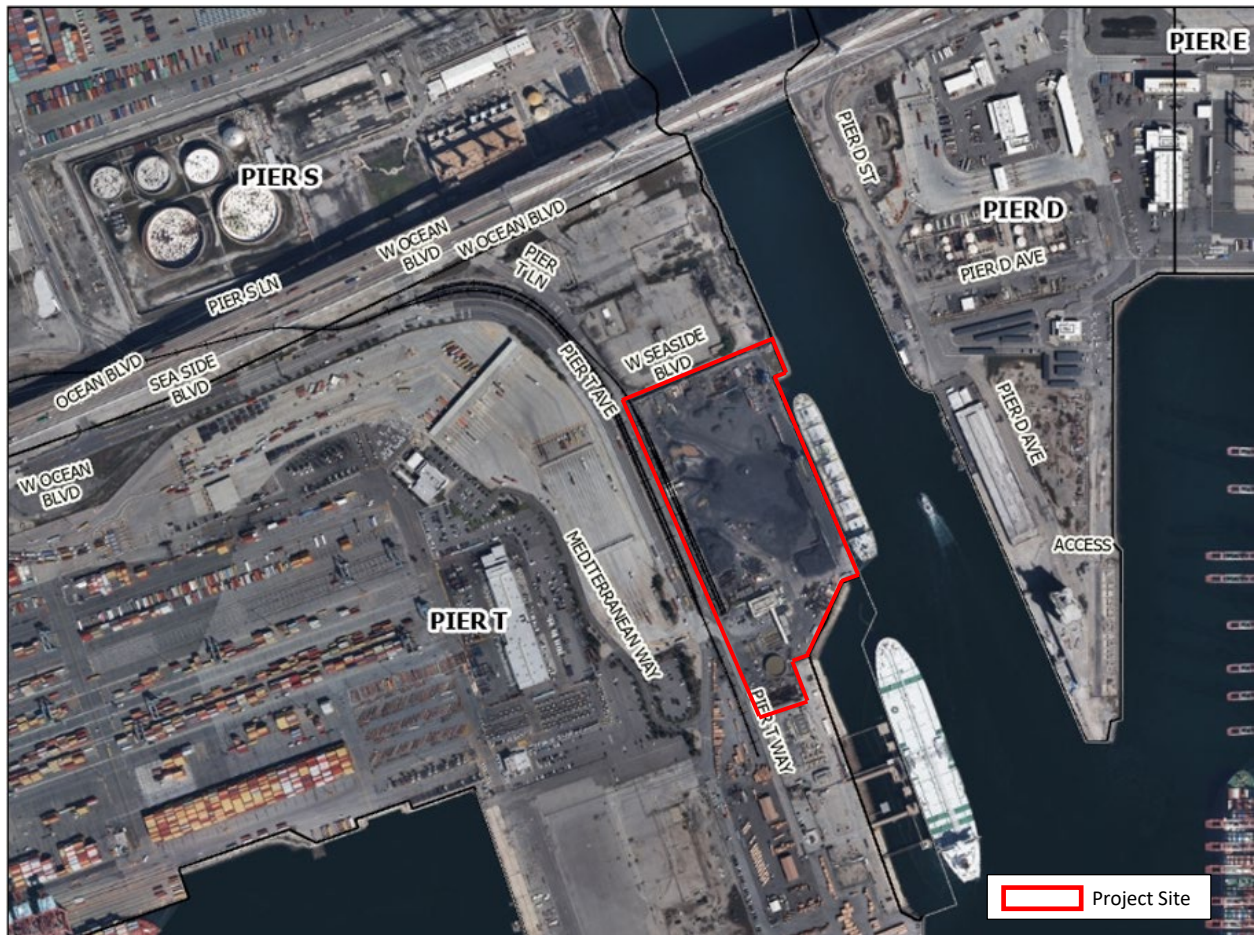
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Renee Moilanen
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Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Sandonne Goad, Chairperson
Gabrielino/Tongva Nation
106 ½ Judge John Aiso St., #231
Los Angeles, CA 90012

Email: sgoad@gabrielino-tongva.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
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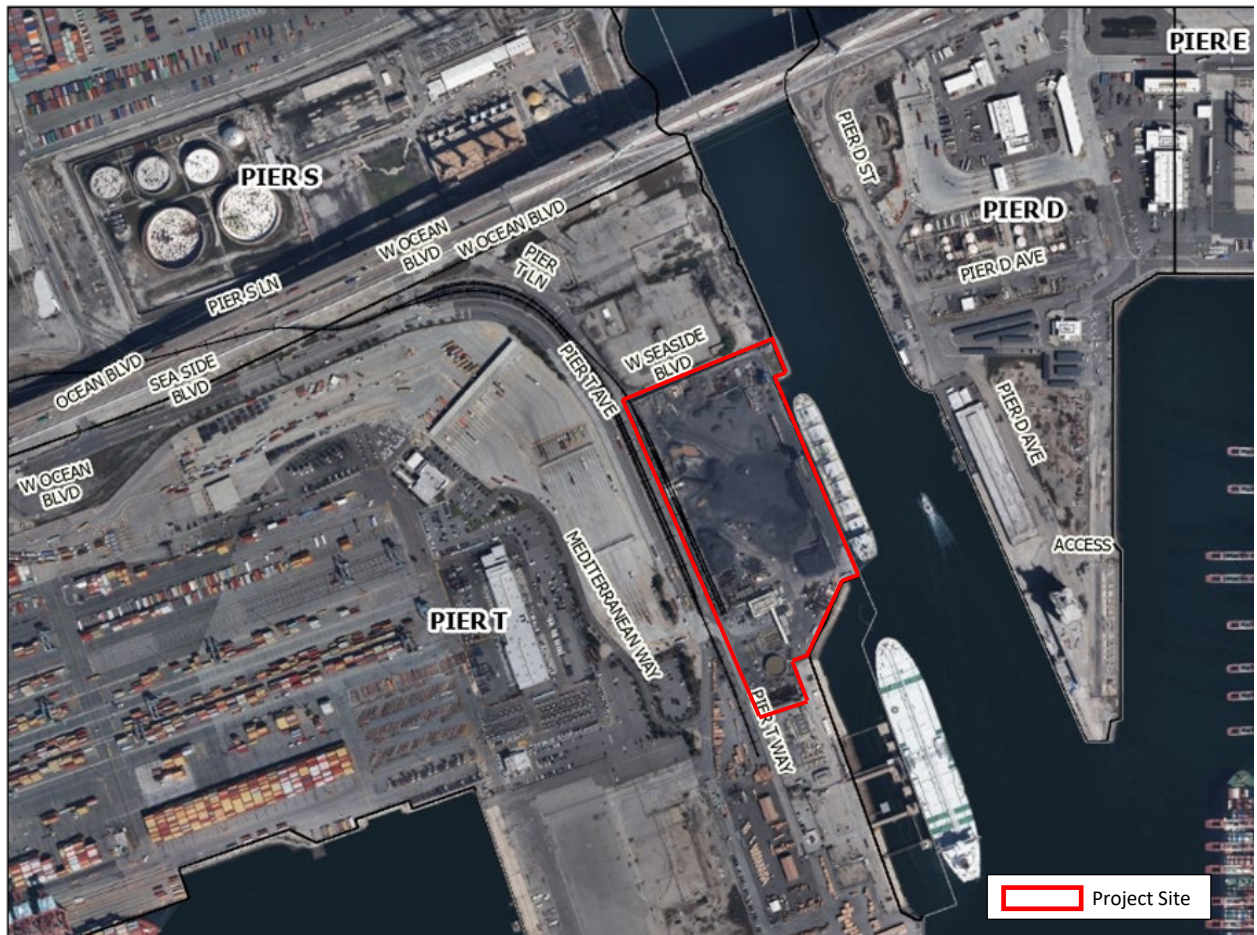
Very Respectfully,

A handwritten signature in black ink, appearing to read 'Renee Moilanen', with a stylized, flowing script.

Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Heidi Lucero, THPO/MLD
Juaneno Band of Mission Indians Acjachemen Nation 84A
31411-A La Matanza Street
San Juan Capistrano, CA 92675

Email: thpo@jbmian.com

**Subject: SA Recycling, LLC Facility Demolition Project
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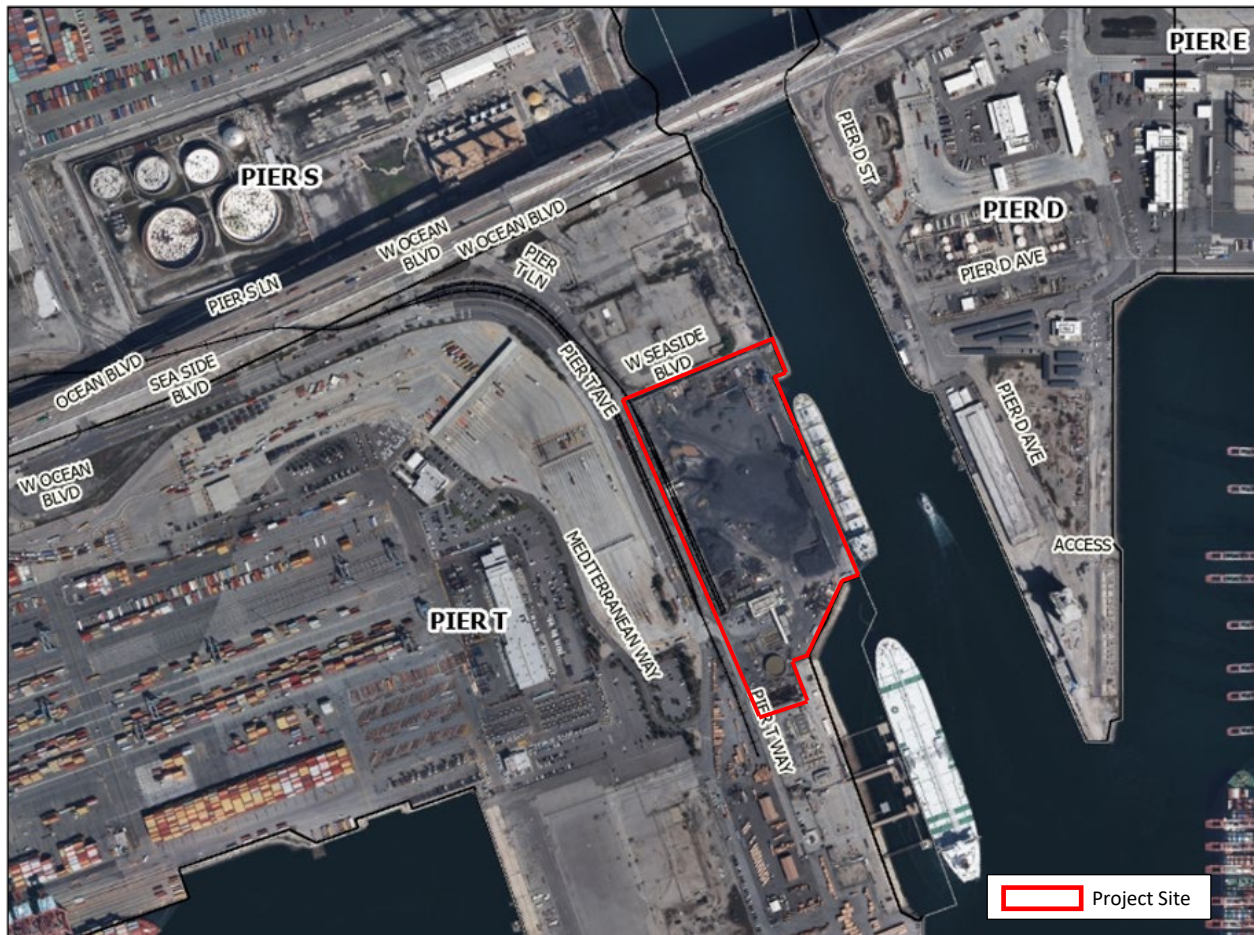
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Renee Moilanen
Director of Environmental Planning

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SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Mercedes Estrada, Cultural Director
Santa Rosa Band of Cahuilla Indians
P.O. Box 391820
Anza, CA 92539

Email: mestrada@santarosa-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
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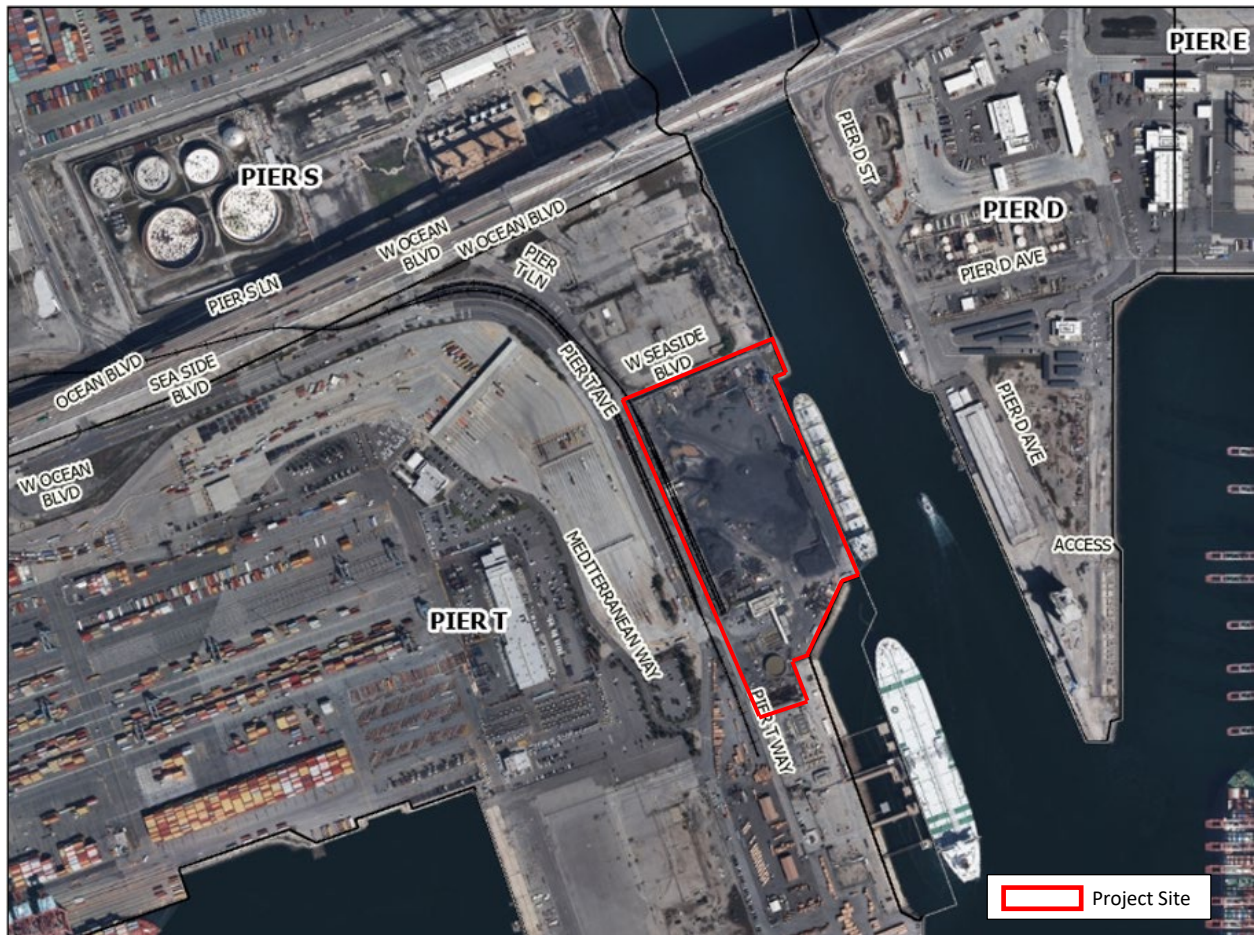
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Renee Moilanen
Director of Environmental Planning

Attachments

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SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Anthony Madrigal, Tribal Historic Preservation Officer
Cahuilla Band of Indians
52701 CA Highway 371
Anza, CA 92539

Email: anthonymad2002@gmail.com

**Subject: SA Recycling, LLC Facility Demolition Project
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Section 21080.3.1**

Dear Anthony Madrigal:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

Project Description

The SAR facility is located on Pier T within the Long Beach Harbor District on Port-owned property at 482 Pier T Avenue, Long Beach, CA 90802. Improvements to be removed/demolished include office buildings, parking lot, stockpile yard, loading and maintenance facilities, and miscellaneous utilities owned by SA Recycling LLC. The demolition activities are not anticipated to result in excavation activities that disturb soils beyond the fill materials that support the existing on-site facilities. In the event that contaminated soils are identified, those would be removed in accordance with applicable regulatory requirements.

There is currently no proposed development, proposed operations, or proposed new land uses for the site following the proposed demolition of the facility. Following the completion of the Site restoration activities, the Site shall consist of an unfenced, rough-graded dirt lot improved with the existing wharf and crane and rail system on the eastern side of the Site. Because there is no pending proposal for the project site, the site will remain in this condition subject to the Port's determination for future use.

Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Cahuilla Band of Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Cahuilla Band of Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Cahuilla Band of Indians may have on the proposed Project.

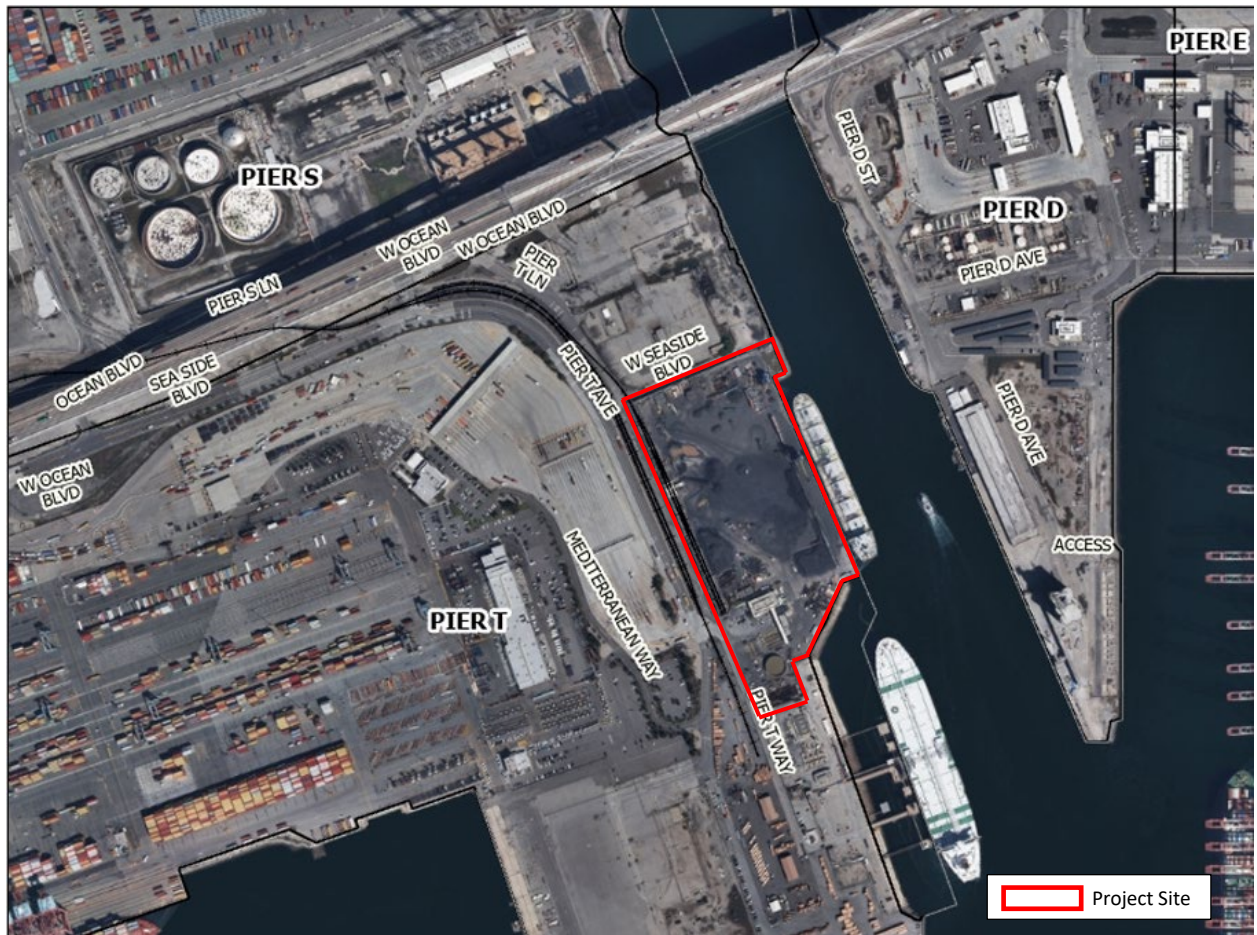
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Vanessa Minott, Tribal Administrator
Santa Rosa Band of Cahuilla Indians
P.O. Box 391820
Anza, CA 92539

Email: vminott@santarosa-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Vanessa Minott:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

Project Description

The SAR facility is located on Pier T within the Long Beach Harbor District on Port-owned property at 482 Pier T Avenue, Long Beach, CA 90802. Improvements to be removed/demolished include office buildings, parking lot, stockpile yard, loading and maintenance facilities, and miscellaneous utilities owned by SA Recycling LLC. The demolition activities are not anticipated to result in excavation activities that disturb soils beyond the fill materials that support the existing on-site facilities. In the event that contaminated soils are identified, those would be removed in accordance with applicable regulatory requirements.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Santa Rosa Band of Cahuilla Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Santa Rosa Band of Cahuilla Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Santa Rosa Band of Cahuilla Indians may have on the proposed Project.

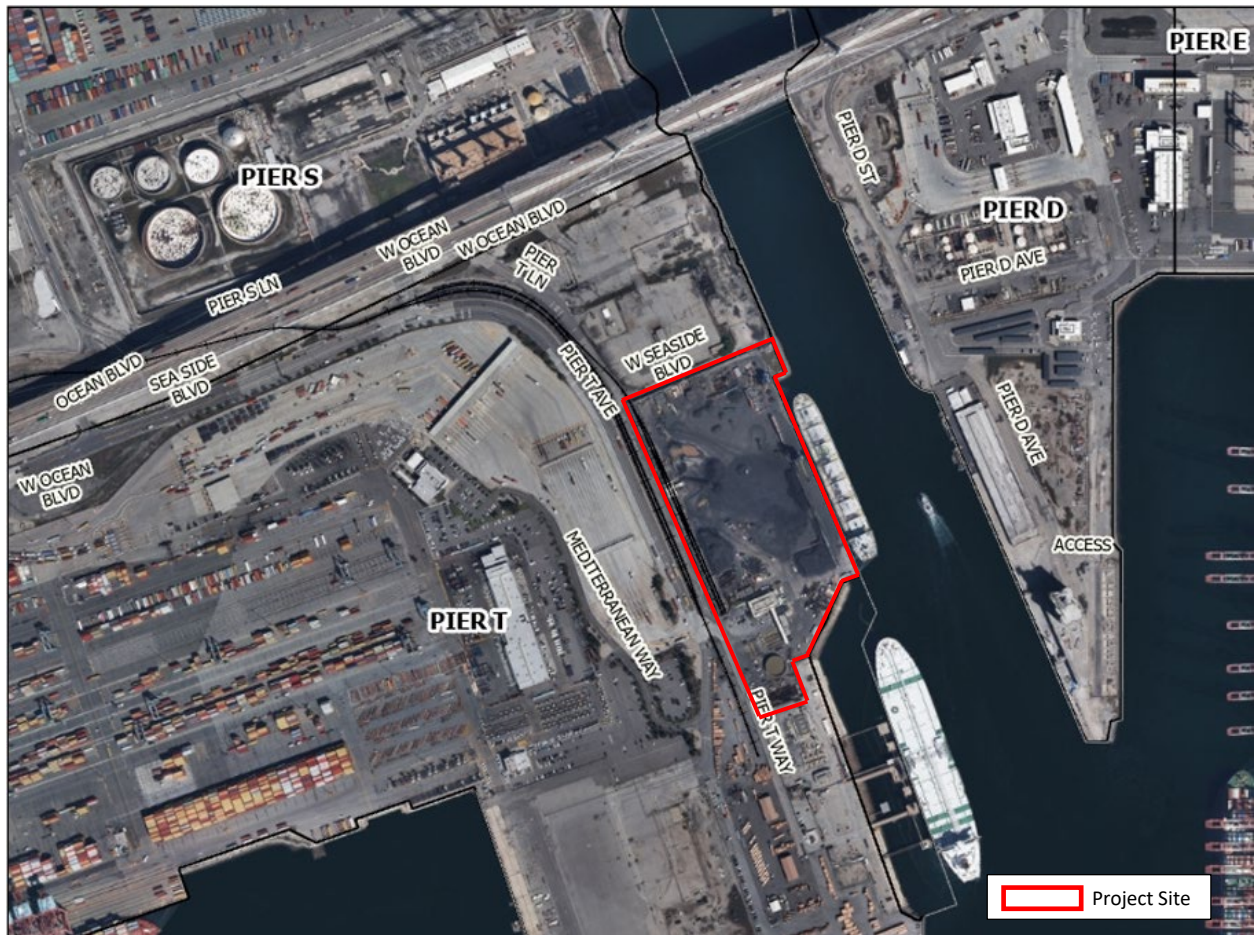
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Anthony Morales, Chairperson
Gabrieleno/Tongva San Gabriel Band of Mission Indians
P.O. Box 683
San Gabriel, CA 91778

Email: GTTribalcouncil@aol.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Chairperson Morales:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location. A Sacred Lands File search by the California Native American Heritage Commission was completed with positive results.

Project Description

The SAR facility is located on Pier T within the Long Beach Harbor District on Port-owned property at 482 Pier T Avenue, Long Beach, CA 90802. Improvements to be removed/demolished include office buildings, parking lot, stockpile yard, loading and maintenance facilities, and miscellaneous utilities owned by SA Recycling LLC. The demolition activities are not anticipated to result in excavation activities that disturb soils beyond the fill materials that support the existing on-site facilities. In the event that contaminated soils are identified, those would be removed in accordance with applicable regulatory requirements.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Gabrieleno/Tongba San Gabriel Band of Mission Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Gabrieleno/Tongba San Gabriel Band of Mission Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Gabrieleno/Tongba San Gabriel Band of Mission Indians may have on the proposed Project.

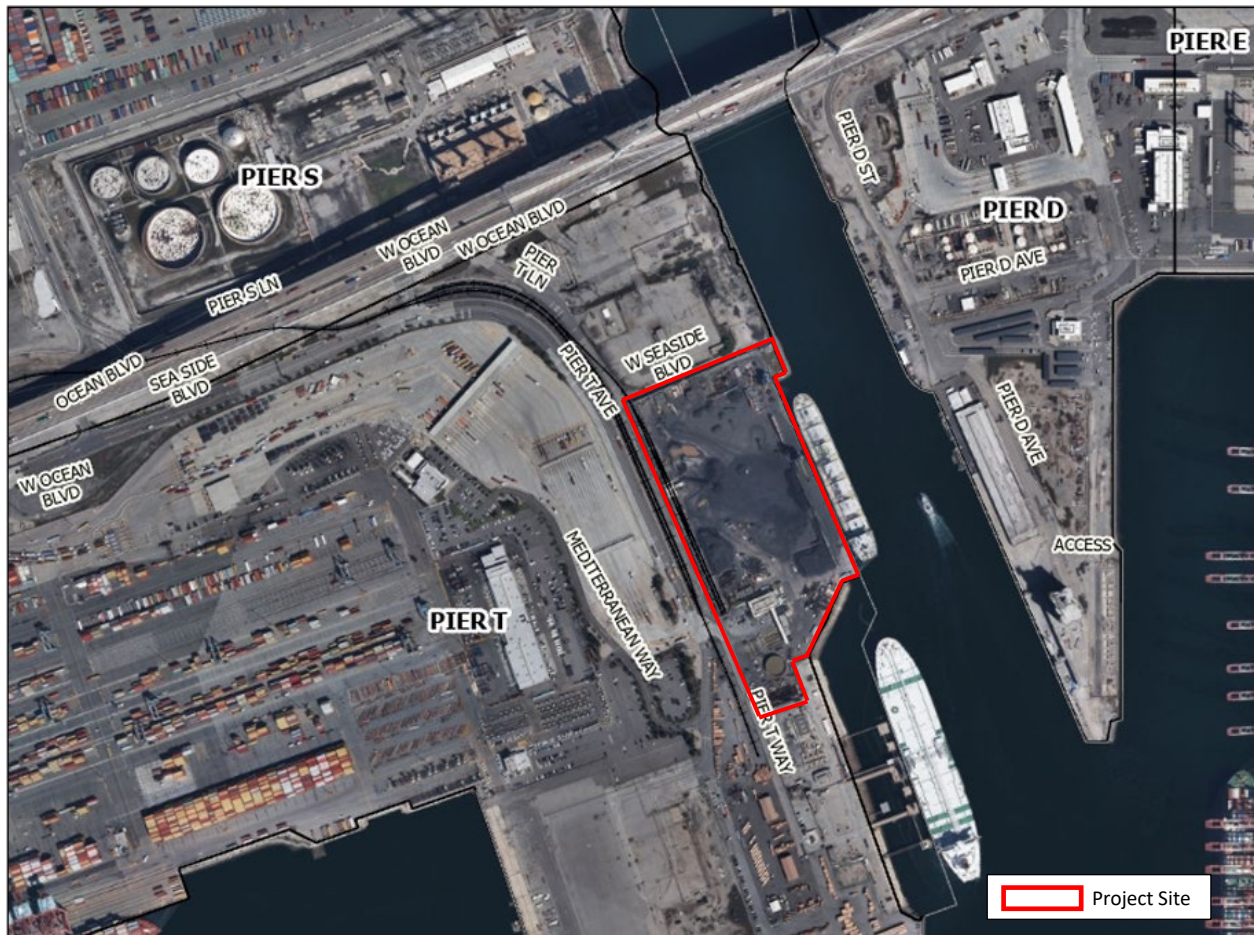
Very Respectfully,

A handwritten signature in black ink, appearing to read 'Renee Moilanen', with a stylized, flowing script.

Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location

November 17, 2025

Joseph Ontiveros, Tribal Historic Preservation Officer
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Email: jontiveros@soboba-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Joseph Ontiveros:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

Project Description

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Soboba Band of Luiseno Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Soboba Band of Luiseno Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Soboba Band of Luiseno Indians may have on the proposed Project.

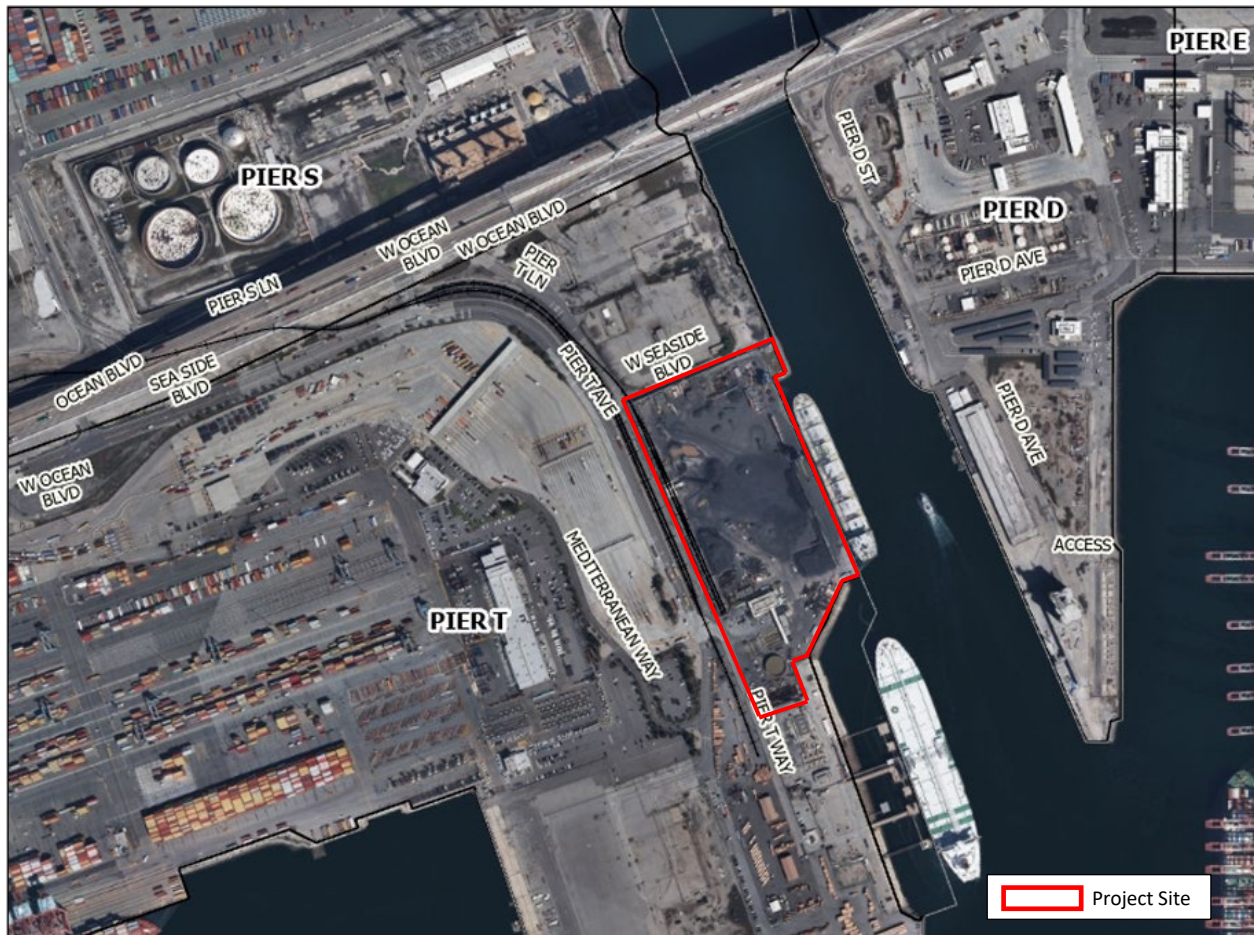
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Joyce Perry, Cultural Resource Director
Juaneno Band of Mission Indians Acjachemen Nation – Belardes
4955 Paseo Segovia
Irvine, CA 92603

Email: kaamalam@gmail.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Joyce Perry:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Juaneno Band of Mission Indians Acjachemen Nation – Belardes has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Juaneno Band of Mission Indians Acjachemen Nation – Belardes request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Juaneno Band of Mission Indians Acjachemen Nation – Belardes may have on the proposed Project.

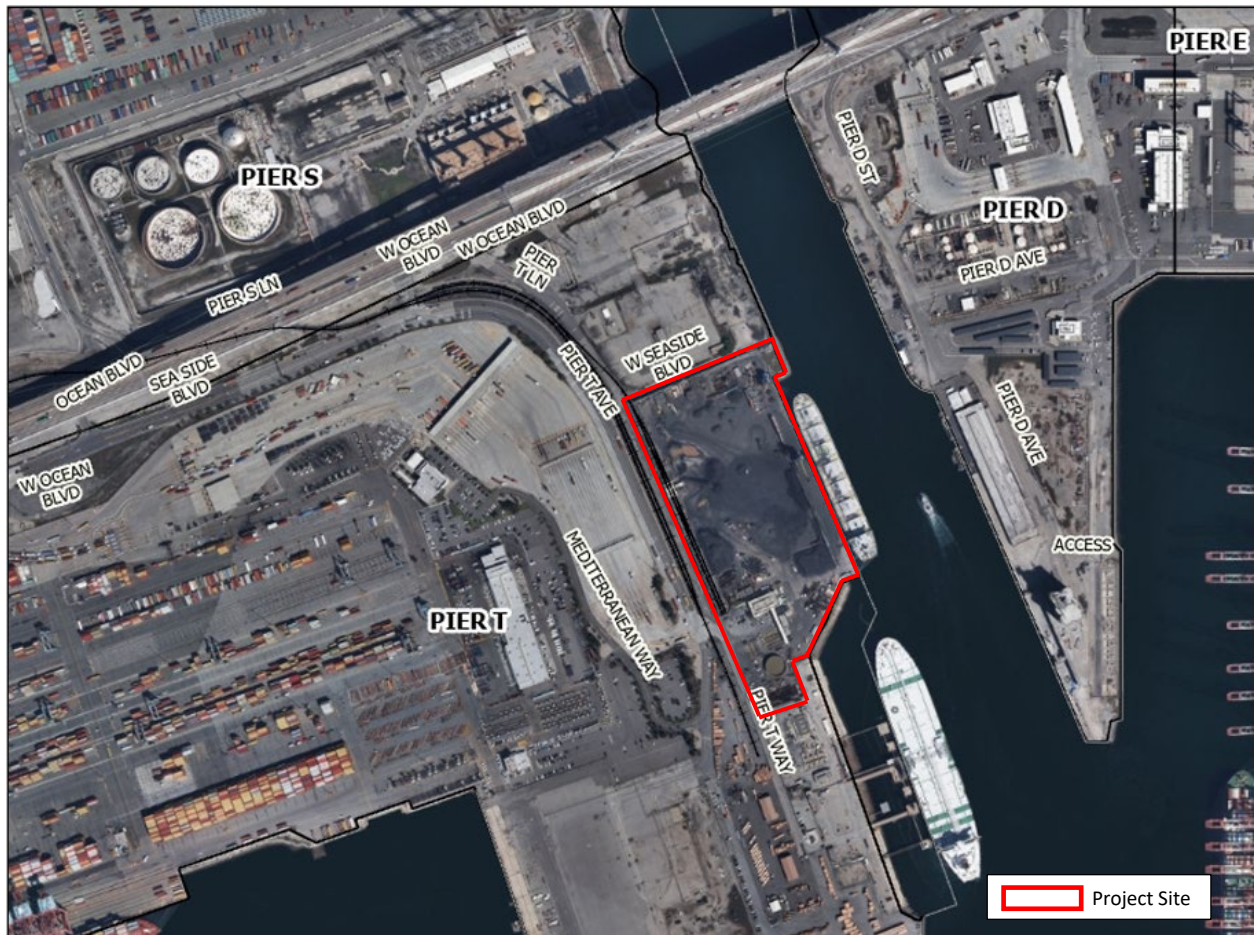
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Steven Estrada, Tribal Chairman
Santa Rosa Band of Cahuilla Indians
P.O. Box 391820
Anza, CA 92539

Email: sestrada@santarosa-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Tribal Chairman Estrada:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Santa Rosa Band of Cahuilla Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Santa Rosa Band of Cahuilla Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Santa Rosa Band of Cahuilla Indians may have on the proposed Project.

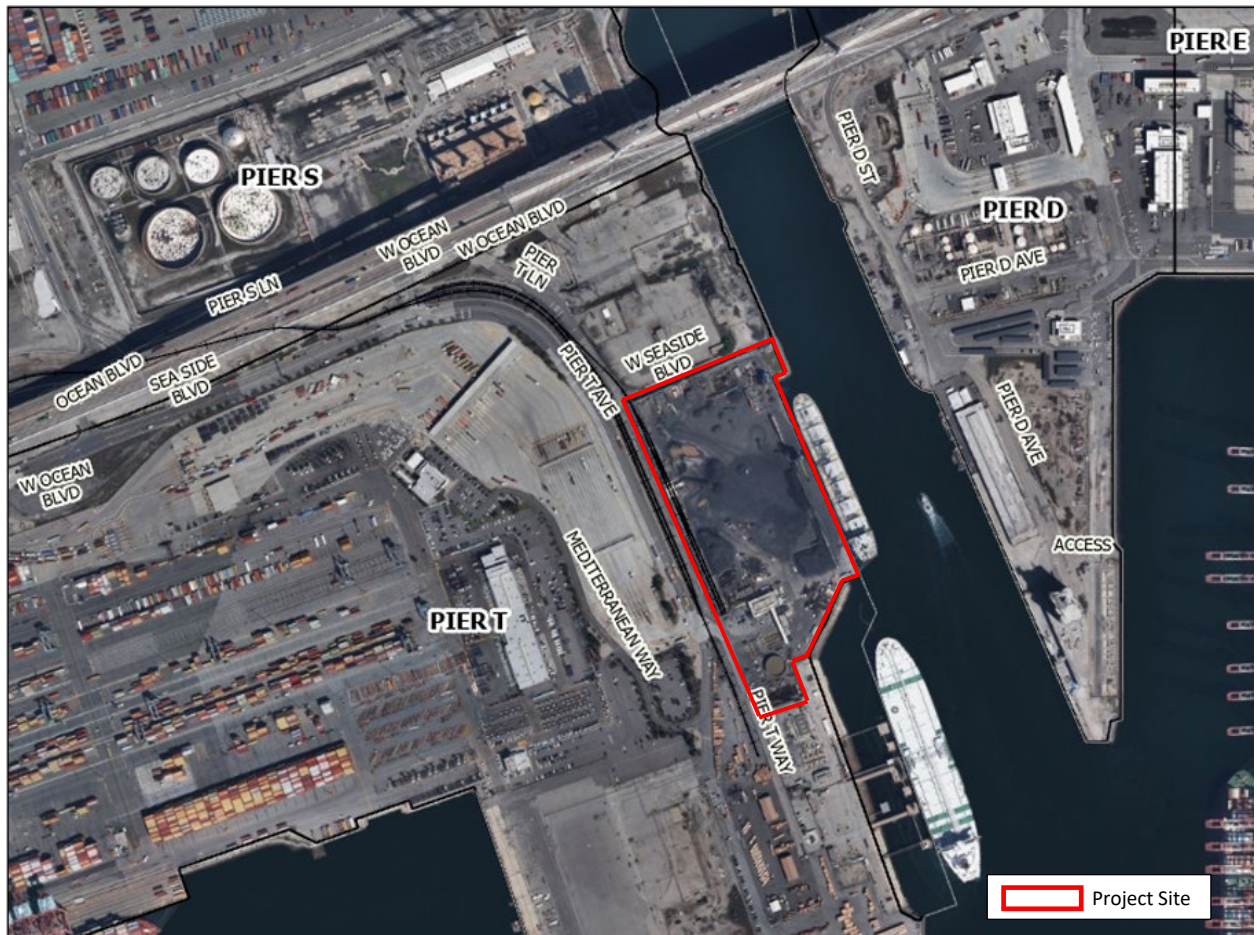
Very Respectfully,

A handwritten signature in black ink, appearing to read 'Renee Moilanen', with a stylized, flowing script.

Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Andrew Salas, Chairperson
Gabrieleno Band of Mission Indians - Kizh Nation
P.O. Box 393
Covina, CA 91723

Email: admin@gabrielenoindians.org

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Chairperson Salas:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Gabrieleno Band of Mission Indians - Kizh Nation has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Gabrieleno Band of Mission Indians - Kizh Nation request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Gabrieleno Band of Mission Indians - Kizh Nation may have on the proposed Project.

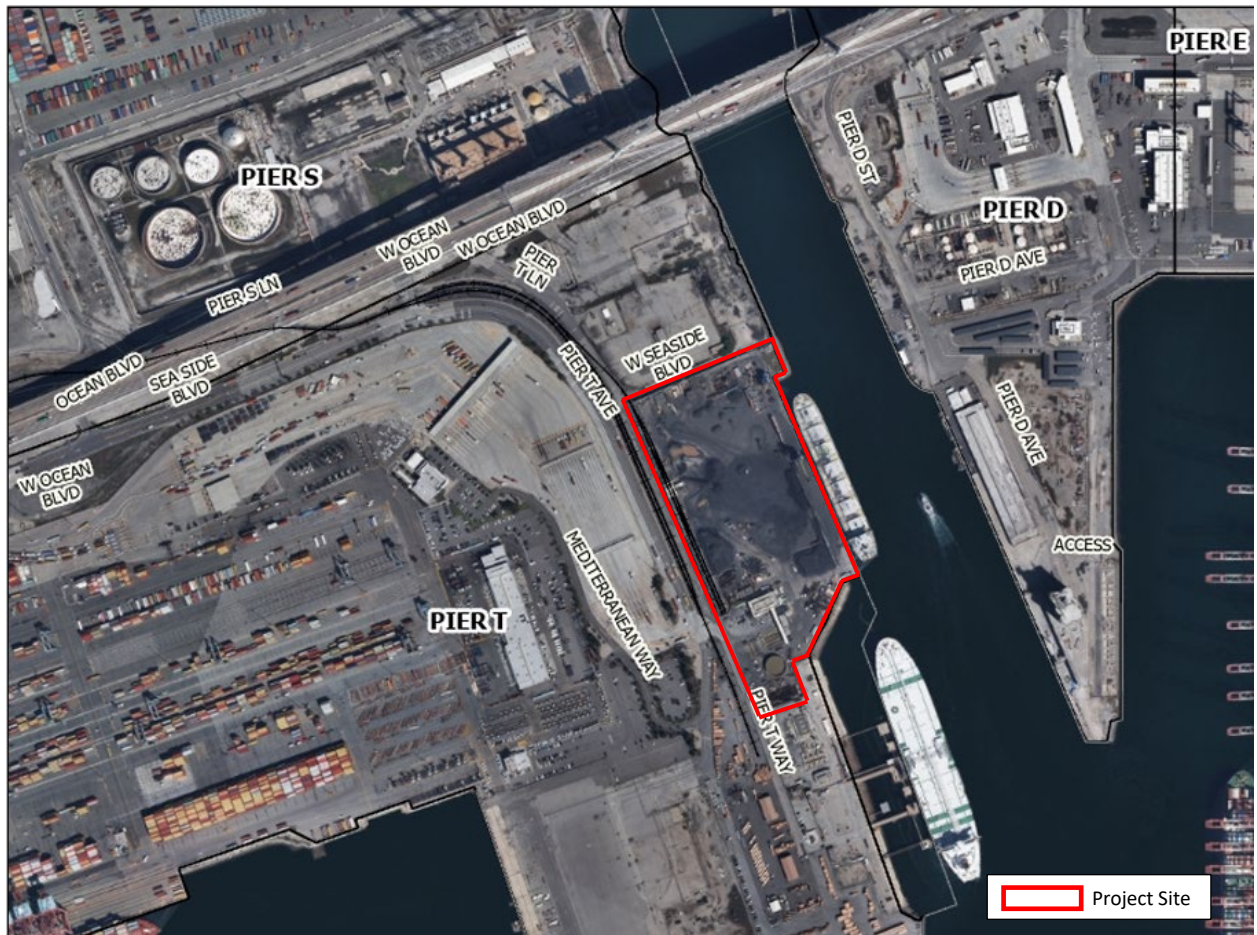
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Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



Port of
LONG BEACH
THE GREEN PORT

November 17, 2025

Erica Schenk, Chairperson
Cahuilla Band of Indians
52701 CA Highway 371
Anza, CA 92539

Email: chair@cahuilla-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Chairperson Schenk:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Cahuilla Band of Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Cahuilla Band of Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Cahuilla Band of Indians may have on the proposed Project.

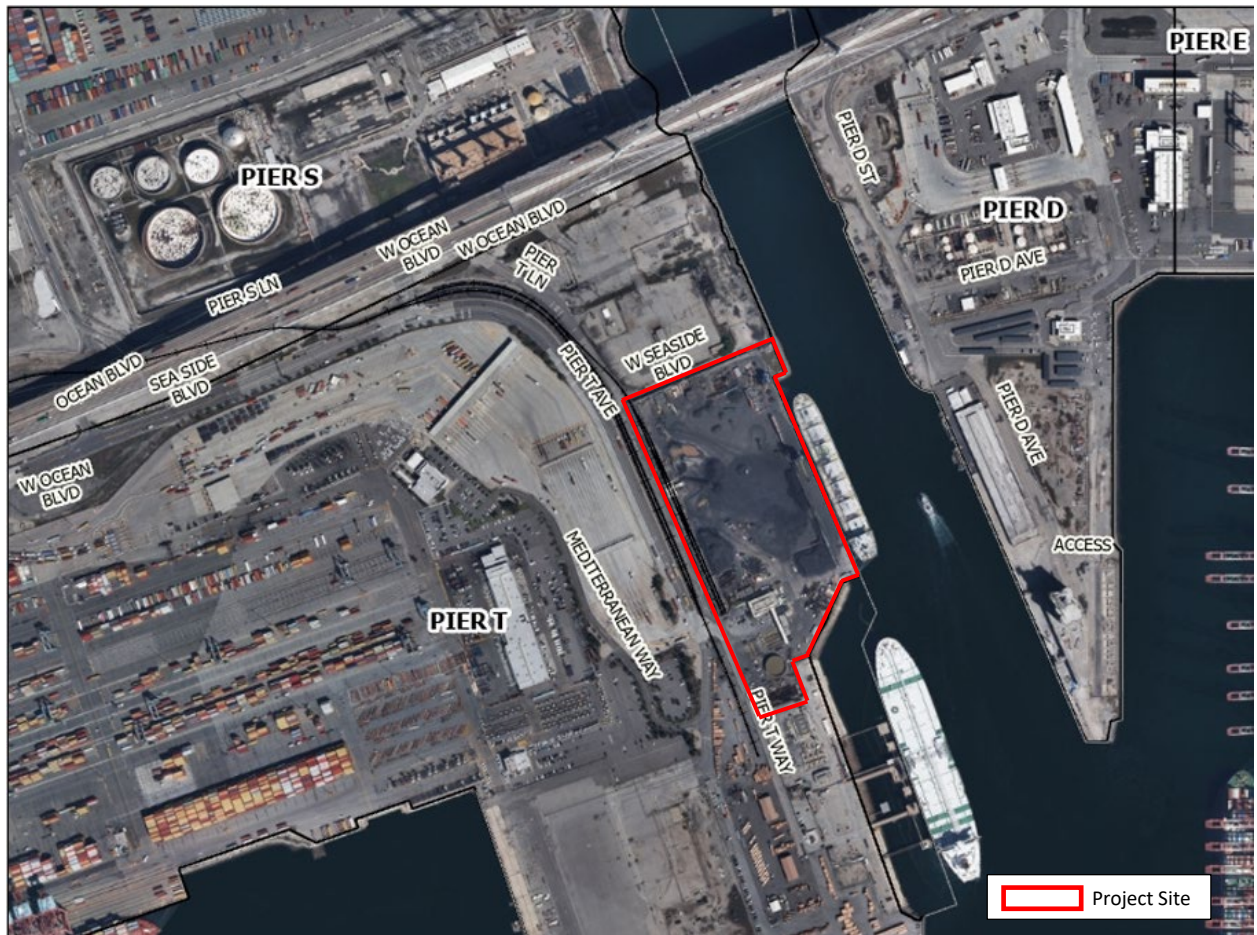
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Christina Swindall Martinez, Secretary
Gabrieleno Band of Mission Indians - Kizh Nation
P.O. Box 393
Covina, CA 91723

Email: admin@gabrielenoindians.org

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Christina Swindall Martinez:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Gabrieleno Band of Mission Indians - Kizh Nation has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Gabrieleno Band of Mission Indians - Kizh Nation request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Gabrieleno Band of Mission Indians - Kizh Nation may have on the proposed Project.

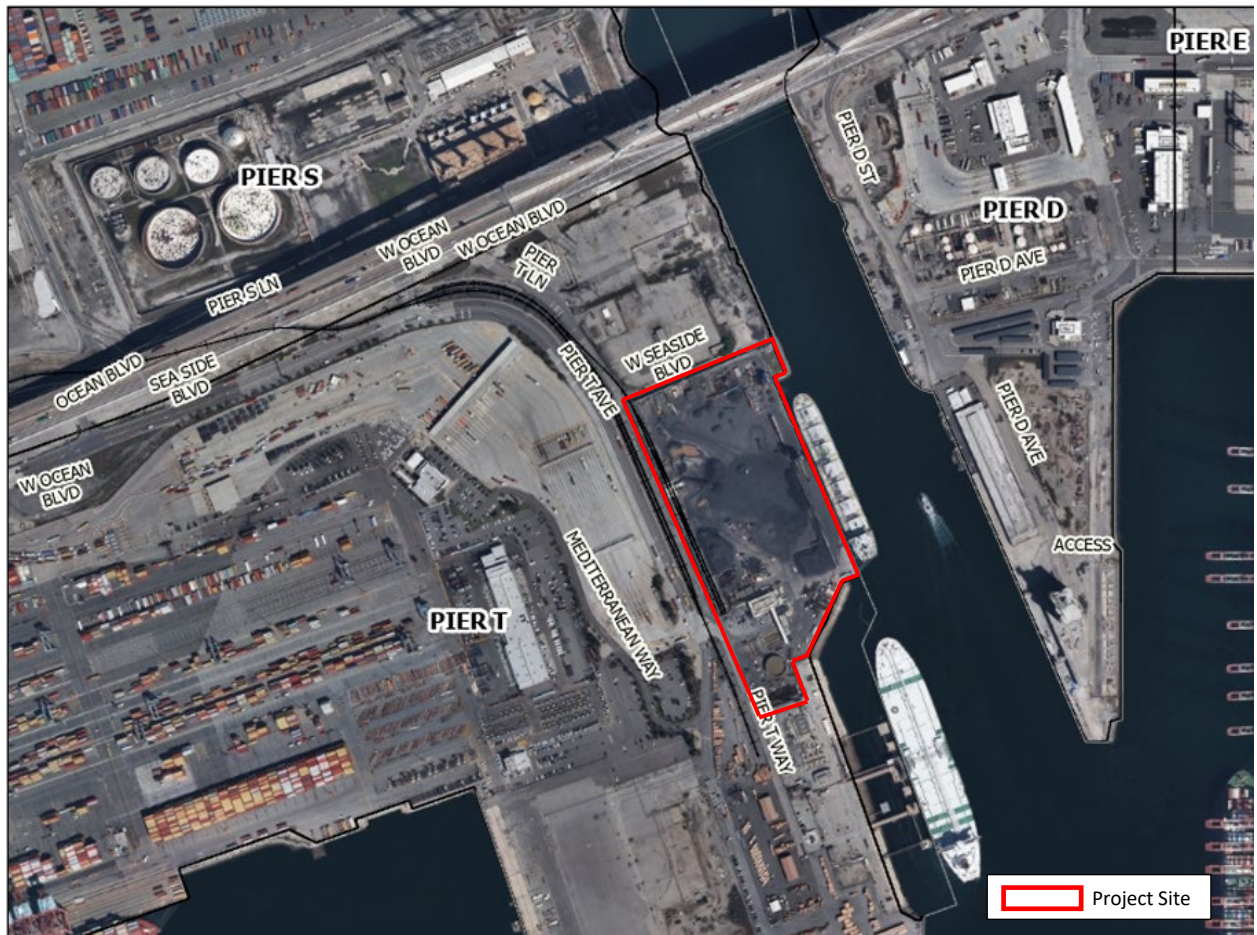
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location



November 17, 2025

Jessica Valdez, Cultural Resource Specialist
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Email: jvaldez@soboba-nsn.gov

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Jessica Valdez:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

Project Description

The SAR facility is located on Pier T within the Long Beach Harbor District on Port-owned property at 482 Pier T Avenue, Long Beach, CA 90802. Improvements to be removed/demolished include office buildings, parking lot, stockpile yard, loading and maintenance facilities, and miscellaneous utilities owned by SA Recycling LLC. The demolition activities are not anticipated to result in excavation activities that disturb soils beyond the fill materials that support the existing on-site facilities. In the event that contaminated soils are identified, those would be removed in accordance with applicable regulatory requirements.

There is currently no proposed development, proposed operations, or proposed new land uses for the site following the proposed demolition of the facility. Following the completion of the Site restoration activities, the Site shall consist of an unfenced, rough-graded dirt lot improved with the existing wharf and crane and rail system on the eastern side of the Site. Because there is no pending proposal for the project site, the site will remain in this condition subject to the Port's determination for future use.



Port of
LONG BEACH
THE GREEN PORT

Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Soboba Band of Luiseno Indians has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Soboba Band of Luiseno Indians request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Soboba Band of Luiseno Indians may have on the proposed Project.

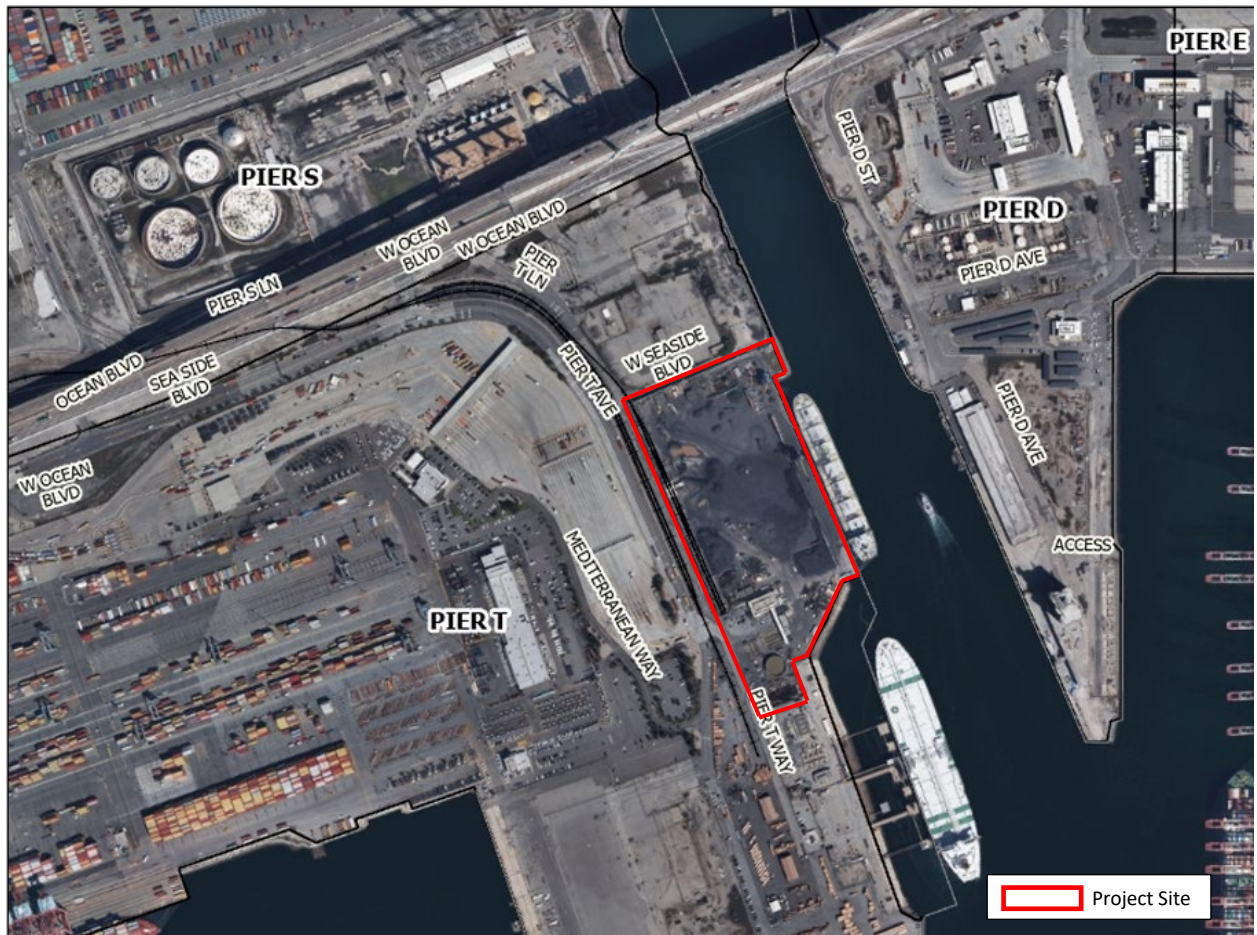
Very Respectfully,

A handwritten signature in black ink, appearing to read 'Renee Moilanen', with a stylized, flowing script.

Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location

November 17, 2025

Shannon Wingfield, Secretary
Juaneno Band of Mission Indians Acjachemen Nation 84A
31411-A La Matanza Street
San Juan Capistrano, CA 92675

Email: webmaster@jbmian.com

**Subject: SA Recycling, LLC Facility Demolition Project
Tribal Cultural Resources under the California Environmental Quality Act,
AB 52 Formal Notification of Decision to Undertake a Project and
Notification of Consultation Opportunity Pursuant to Public Resources Code
Section 21080.3.1**

Dear Shannon Wingfield:

As the lead agency pursuant to the California Environmental Quality Act (CEQA), the Port of Long Beach (Port) intends to prepare an Initial Study/Mitigated Negative Declaration (MND) to evaluate the proposed demolition of the existing facility operated by SA Recycling, LLC (SAR or Applicant) located on Pier T and restore the site to a condition equivalent to or superior to its condition prior to the commencement of the lease, which will be a vacant, undeveloped site. The SAR facility is used to unload iron ore from rail transports, stockpiling, and loading to ships, as well as occasional recycling of scrap metal. Pursuant to Public Resources Code 21080.3.1(d), please find below a description of the proposed modifications and the name of our project point of contact. Figure 1 shows the project location.

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Project Contact Information and to Request Consultation

Pursuant to California Public Resources Code Section 21080.3, the Juaneno Band of Mission Indians Acjachemen Nation 84A has 30 days from the receipt of this letter to request in writing, consultation with the Port. Should the Juaneno Band of Mission Indians Acjachemen Nation 84A request consultation, the Port will begin the consultation process within 30 days of receiving your request.

To request consultation under AB 52 for the proposed Project, please submit your request, in writing to:

Jennifer Williams
Environmental Specialist Associate
Port of Long Beach
Environmental Planning Division
415 W. Ocean Blvd, 7th Floor
Long Beach, CA 90802
Email: jennifer.williams@polb.com

We understand that consultation is a private and ongoing process; we would appreciate any input the Juaneno Band of Mission Indians Acjachemen Nation 84A may have on the proposed Project.

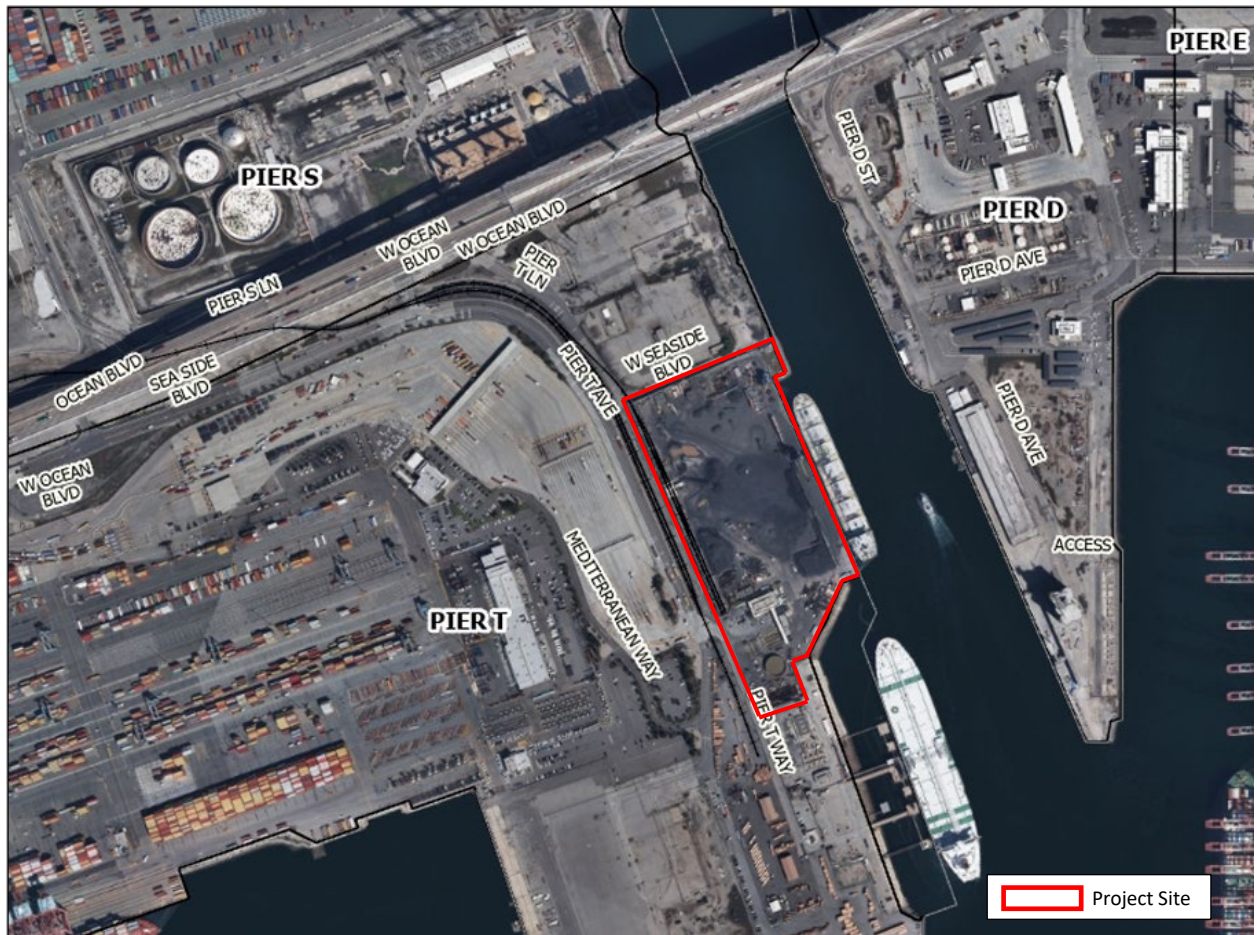
Very Respectfully,



Renee Moilanen
Director of Environmental Planning

Attachments

- **Figure 1. Project Location**



SA Recycling Demolition Project

Figure 1
Project Location

APPENDIX B

Air Quality and Greenhouse Gas Emissions Calculations

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POLB SA RECYCLING PROJECT V6 CUSTOM REPORT

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1 Basic Project Information

1.1 Basic Project Information

Data Field	Value
Project Name	POLB SA Recycling Project v6
Construction Start Date	7/1/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.30000
Precipitation (days)	18.4000
Location	33.76077198713146, -118.22161149372158
County	Los Angeles-Mojave Desert
City	Long Beach
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4619
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Long Beach Gas & Oil
App Version	2022.1.1.45

1.2 Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Heavy Industry	805.000	1000sqft	18.9000	0.00000	1,000.000	—	—	—

1.3 User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2 Emissions Summary

2.1 Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.56935	44.4085	102.883	0.43944	0.86746	58.0367	58.7264	0.86746	8.45053	9.16508	55,443.4	55,443.4	57,310.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.16370	16.1181	102.277	0.22819	0.46211	23.6589	24.1210	0.46211	3.52537	3.98748	26,182.3	26,182.3	26,526.7
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.52448	5.51040	22.5500	0.06279	0.12551	6.73926	6.86478	0.12551	0.99806	1.12357	7,577.79	7,577.79	7,747.66

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.09572	1.00565	4.11537	0.01146	0.02291	1.22992	1.25282	0.02291	0.18215	0.20505	1,254.59	1,254.59	1,282.71

2.2 Construction Emissions by Year

2.2.1 Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.56935	44.4085	102.883	0.43944	0.86746	58.0367	58.7264	0.86746	8.45053	9.16508	55,443.4	55,443.4	57,310.2
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.16370	16.1181	102.277	0.22819	0.46211	23.6589	24.1210	0.46211	3.52537	3.98748	26,182.3	26,182.3	26,526.7
2028	0.16820	2.65855	5.82797	0.00869	0.01773	0.31111	0.32885	0.01773	0.04871	0.06644	1,055.47	1,055.47	1,063.01
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.52448	5.51040	22.5500	0.06279	0.12551	6.73926	6.86478	0.12551	0.99806	1.12357	7,577.79	7,577.79	7,747.66
2028	0.00727	0.11457	0.25321	0.00037	0.00076	0.01293	0.01369	0.00076	0.00204	0.00280	45.5617	45.5617	45.8947
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.09572	1.00565	4.11537	0.01146	0.02291	1.22992	1.25282	0.02291	0.18215	0.20505	1,254.59	1,254.59	1,282.71

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
2028	0.00133	0.02091	0.04621	0.00007	0.00014	0.00236	0.00250	0.00014	0.00037	0.00051	7.54325	7.54325	7.59840

2.2.2 Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.93851	11.9598	99.7210	0.18718	0.38274	50.5743	50.9200	0.38274	6.41658	6.76230	20,256.0	20,256.0	20,330.3
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.93454	10.4692	99.7335	0.18718	0.38274	21.6871	22.0699	0.38274	2.99748	3.38022	20,257.7	20,257.7	20,331.8
2028	0.11875	2.55102	5.31803	0.00822	0.01685	0.18558	0.20243	0.01685	0.01855	0.03540	893.275	893.275	896.492
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.41901	2.40465	21.3379	0.03998	0.08129	5.70045	5.78174	0.08129	0.71810	0.79939	4,325.15	4,325.15	4,342.48
2028	0.00512	0.10980	0.22895	0.00035	0.00073	0.00759	0.00831	0.00073	0.00076	0.00148	38.4567	38.4567	38.5952
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.07647	0.43885	3.89417	0.00730	0.01483	1.04033	1.05517	0.01483	0.13105	0.14589	716.078	716.078	718.947
2028	0.00093	0.02004	0.04178	0.00006	0.00013	0.00138	0.00152	0.00013	0.00014	0.00027	6.36694	6.36694	6.38987

2.2.3 Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.66016	32.6095	7.65172	0.26147	0.50927	10.9030	11.4123	0.50927	2.97733	3.48659	36,201.9	36,201.9	37,978.1
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.23265	6.25718	2.54314	0.04762	0.09286	2.11276	2.20562	0.09286	0.57211	0.66497	6,714.27	6,714.27	7,026.27
2028	0.04945	0.10753	0.50993	0.00046	0.00088	0.12554	0.12642	0.00088	0.03016	0.03104	162.197	162.197	166.516
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10547	3.10576	1.21206	0.02282	0.04422	1.03881	1.08304	0.04422	0.27996	0.32418	3,252.63	3,252.63	3,405.19
2028	0.00215	0.00477	0.02426	0.00002	0.00004	0.00534	0.00538	0.00004	0.00128	0.00132	7.10501	7.10501	7.29956
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.01925	0.56680	0.22120	0.00416	0.00807	0.18958	0.19765	0.00807	0.05109	0.05916	538.511	538.511	563.768
2028	0.00039	0.00087	0.00443	< 0.000005	0.00001	0.00098	0.00098	0.00001	0.00023	0.00024	1.17632	1.17632	1.20853

3 Construction Emissions Details

3.1 Soil Management Plan Implementation (2027)

3.1.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04189	0.21782	2.17817	0.00409	0.00838	—	0.00838	0.00838	—	0.00838	443.181	443.181	444.702
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04189	0.21782	2.17817	0.00409	0.00838	—	0.00838	0.00838	—	0.00838	443.181	443.181	444.702
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01756	0.09130	0.91304	0.00172	0.00351	—	0.00351	0.00351	—	0.00351	185.772	185.772	186.409
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00320	0.01666	0.16663	0.00031	0.00064	—	0.00064	0.00064	—	0.00064	30.7567	30.7567	30.8622
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01406	0.01386	0.16343	0.00000	0.00000	0.02955	0.02955	0.00000	0.00692	0.00692	29.4249	29.4249	29.8819
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00257	0.00253	0.02983	0.00000	0.00000	0.00539	0.00539	0.00000	0.00126	0.00126	4.87162	4.87162	4.94729
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2 Removal of Portable Equipment (2027)

3.2.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00375	0.06645	0.05066	0.00013	0.00009	0.74230	0.74239	0.00009	0.07420	0.07428	13.7427	13.7427	14.4214
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00007	0.00132	0.00099	< 0.000005	< 0.000005	0.01352	0.01352	< 0.000005	0.00135	0.00135	0.26535	0.26535	0.27818
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00001	0.00024	0.00018	< 0.000005	< 0.000005	0.00247	0.00247	< 0.000005	0.00025	0.00025	0.04393	0.04393	0.04606

3.2.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01270	0.70001	0.13774	0.00547	0.01058	0.22248	0.23306	0.01058	0.06091	0.07149	750.830	750.830	787.816
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00064	0.00063	0.00748	0.00000	0.00000	0.00135	0.00135	0.00000	0.00032	0.00032	1.34624	1.34624	1.36715
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00023	0.01411	0.00267	0.00010	0.00020	0.00423	0.00443	0.00020	0.00116	0.00136	14.4031	14.4031	15.0954
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00012	0.00012	0.00136	0.00000	0.00000	0.00025	0.00025	0.00000	0.00006	0.00006	0.22288	0.22288	0.22635
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00004	0.00257	0.00049	0.00002	0.00004	0.00077	0.00081	0.00004	0.00021	0.00025	2.38459	2.38459	2.49922

3.3 Disposal/Recycling of Existing Waste Streams (2027)

3.3.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10457	0.54374	5.43739	0.01019	0.02091	—	0.02091	0.02091	—	0.02091	1,103.49	1,103.49	1,107.28

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Dust From Material Movement	—	—	—	—	—	0.02952	0.02952	—	0.00447	0.00447	—	—	—
Onsite truck	0.09370	1.66118	1.26656	0.00331	0.00220	18.5576	18.5598	0.00220	1.85490	1.85710	343.567	343.567	360.534
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00659	0.03426	0.34263	0.00064	0.00132	—	0.00132	0.00132	—	0.00132	69.5351	69.5351	69.7737
Dust From Material Movement	—	—	—	—	—	0.00186	0.00186	—	0.00028	0.00028	—	—	—
Onsite truck	0.00549	0.10815	0.08092	0.00021	0.00014	1.11047	1.11061	0.00014	0.11101	0.11114	21.7966	21.7966	22.8507
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00120	0.00625	0.06253	0.00012	0.00024	—	0.00024	0.00024	—	0.00024	11.5123	11.5123	11.5518
Dust From Material Movement	—	—	—	—	—	0.00034	0.00034	—	0.00005	0.00005	—	—	—
Onsite truck	0.00100	0.01974	0.01477	0.00004	0.00003	0.20266	0.20269	0.00003	0.02026	0.02028	3.60867	3.60867	3.78319

3.3.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.31747	17.5003	3.44362	0.13669	0.26455	5.56200	5.82655	0.26455	1.52278	1.78733	18,770.8	18,770.8	19,695.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00211	0.00208	0.02457	0.00000	0.00000	0.00444	0.00444	0.00000	0.00104	0.00104	4.42334	4.42334	4.49205
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01917	1.15888	0.21922	0.00861	0.01667	0.34733	0.36400	0.01667	0.09517	0.11184	1,183.11	1,183.11	1,239.98
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00039	0.00038	0.00448	0.00000	0.00000	0.00081	0.00081	0.00000	0.00019	0.00019	0.73234	0.73234	0.74371
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00350	0.21150	0.04001	0.00157	0.00304	0.06339	0.06643	0.00304	0.01737	0.02041	195.877	195.877	205.293

3.4 Utility Disconnect and Safe-Off (2027)

3.4.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04189	0.21782	2.17817	0.00409	0.00838	—	0.00838	0.00838	—	0.00838	443.181	443.181	444.702
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00023	0.00119	0.01194	0.00002	0.00005	—	0.00005	0.00005	—	0.00005	2.42839	2.42839	2.43672
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00004	0.00022	0.00218	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	0.40205	0.40205	0.40343
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01974	0.01404	0.25049	0.00000	0.00000	0.03567	0.03567	0.00000	0.00836	0.00836	38.3465	38.3465	38.9645
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00009	0.00009	0.00107	0.00000	0.00000	0.00019	0.00019	0.00000	0.00005	0.00005	0.19232	0.19232	0.19531
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00002	0.00002	0.00019	0.00000	0.00000	0.00004	0.00004	0.00000	0.00001	0.00001	0.03184	0.03184	0.03234
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5 Grubbing/Landscaping Removal (2027)

3.5.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02094	0.10891	1.08908	0.00205	0.00419	—	0.00419	0.00419	—	0.00419	221.591	221.591	222.351
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00023	0.00119	0.01194	0.00002	0.00005	—	0.00005	0.00005	—	0.00005	2.42839	2.42839	2.43672
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00004	0.00022	0.00218	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	0.40205	0.40205	0.40343
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00037	0.00036	0.00427	0.00000	0.00000	0.00077	0.00077	0.00000	0.00018	0.00018	0.76928	0.76928	0.78123
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00007	0.00078	0.00000	0.00000	0.00014	0.00014	0.00000	0.00003	0.00003	0.12736	0.12736	0.12934
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6 Pressure Wash/Clean Existing Surfaces (2027)

3.6.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04712	0.24504	2.45044	0.00461	0.00942	—	0.00942	0.00942	—	0.00942	498.579	498.579	500.290
Architectural Coatings	0.00000	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00026	0.00134	0.01343	0.00003	0.00005	—	0.00005	0.00005	—	0.00005	2.73194	2.73194	2.74132
Architectural Coatings	0.00000	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00005	0.00025	0.00245	< 0.000005	0.00001	—	0.00001	0.00001	—	0.00001	0.45230	0.45230	0.45386
Architectural Coatings	0.00000	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00018	0.00018	0.00214	0.00000	0.00000	0.00039	0.00039	0.00000	0.00009	0.00009	0.38464	0.38464	0.39061
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00039	0.00000	0.00000	0.00007	0.00007	0.00000	0.00002	0.00002	0.06368	0.06368	0.06467
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7 Office Building Demolition (Footings & Foundation) & Haul Away (2027)

3.7.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18096	0.94097	9.40968	0.01762	0.03619	—	0.03619	0.03619	—	0.03619	1,907.31	1,907.31	1,913.86
Dust From Material Movement	—	—	—	—	—	0.00481	0.00481	—	0.00073	0.00073	—	—	—
Demolition	—	—	—	—	—	1.78996	1.78996	—	0.27105	0.27105	—	—	—
Onsite truck	0.01874	0.33224	0.25331	0.00066	0.00044	3.71151	3.71195	0.00044	0.37098	0.37142	68.7135	68.7135	72.1068
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00793	0.04125	0.41248	0.00077	0.00159	—	0.00159	0.00159	—	0.00159	83.6082	83.6082	83.8951
Dust From Material Movement	—	—	—	—	—	0.00021	0.00021	—	0.00003	0.00003	—	—	—
Demolition	—	—	—	—	—	0.07846	0.07846	—	0.01188	0.01188	—	—	—
Onsite truck	0.00076	0.01505	0.01126	0.00003	0.00002	0.15450	0.15452	0.00002	0.01544	0.01546	3.03257	3.03257	3.17922
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00145	0.00753	0.07528	0.00014	0.00029	—	0.00029	0.00029	—	0.00029	13.8423	13.8423	13.8898
Dust From Material Movement	—	—	—	—	—	0.00004	0.00004	—	0.00001	0.00001	—	—	—
Demolition	—	—	—	—	—	0.01432	0.01432	—	0.00217	0.00217	—	—	—
Onsite truck	0.00014	0.00275	0.00205	0.00001	< 0.000005	0.02820	0.02820	< 0.000005	0.00282	0.00282	0.50208	0.50208	0.52636

3.7.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.06349	3.50006	0.68872	0.02734	0.05291	1.11240	1.16531	0.05291	0.30456	0.35747	3,754.15	3,754.15	3,939.08
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00147	0.00145	0.01709	0.00000	0.00000	0.00309	0.00309	0.00000	0.00072	0.00072	3.07711	3.07711	3.12491
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00267	0.16124	0.03050	0.00120	0.00232	0.04832	0.05064	0.00232	0.01324	0.01556	164.606	164.606	172.519

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00027	0.00026	0.00312	0.00000	0.00000	0.00056	0.00056	0.00000	0.00013	0.00013	0.50945	0.50945	0.51736
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00049	0.02943	0.00557	0.00022	0.00042	0.00882	0.00924	0.00042	0.00242	0.00284	27.2525	27.2525	28.5625

3.8 Removal of Conveyor Hopper System (2027)

3.8.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07768	0.40394	4.03935	0.00757	0.01554	—	0.01554	0.01554	—	0.01554	819.616	819.616	822.429
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.04709	0.04709	—	0.00713	0.00713	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00298	0.01549	0.15493	0.00029	0.00060	—	0.00060	0.00060	—	0.00060	31.4373	31.4373	31.5452
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00181	0.00181	—	0.00027	0.00027	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00054	0.00283	0.02828	0.00005	0.00011	—	0.00011	0.00011	—	0.00011	5.20481	5.20481	5.22267
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00033	0.00033	—	0.00005	0.00005	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05922	0.04212	0.75147	0.00000	0.00000	0.10700	0.10700	0.00000	0.02508	0.02508	115.039	115.039	116.893
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00193	0.00190	0.02243	0.00000	0.00000	0.00406	0.00406	0.00000	0.00095	0.00095	4.03871	4.03871	4.10144
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00035	0.00035	0.00409	0.00000	0.00000	0.00074	0.00074	0.00000	0.00017	0.00017	0.66865	0.66865	0.67904
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9 Truck Scale (4 Bay) Demolition (2027)

3.9.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03554	0.18480	2.62985	0.00347	0.00711	—	0.00711	0.00711	—	0.00711	375.083	375.083	376.370
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Demolition	—	—	—	—	—	4.79678	4.79678	—	0.72637	0.72637	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00136	0.00709	0.10087	0.00013	0.00027	—	0.00027	0.00027	—	0.00027	14.3867	14.3867	14.4361
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.18399	0.18399	—	0.02786	0.02786	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00025	0.00129	0.01841	0.00002	0.00005	—	0.00005	0.00005	—	0.00005	2.38189	2.38189	2.39006
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.03358	0.03358	—	0.00508	0.00508	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00129	0.00127	0.01495	0.00000	0.00000	0.00270	0.00270	0.00000	0.00063	0.00063	2.69247	2.69247	2.73429
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00023	0.00023	0.00273	0.00000	0.00000	0.00049	0.00049	0.00000	0.00012	0.00012	0.44577	0.44577	0.45269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.10 Removal of pedestal crane (footings/foundation) (2027)

3.10.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07768	0.40394	4.03935	0.00757	0.01554	—	0.01554	0.01554	—	0.01554	819.616	819.616	822.429
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.03434	0.03434	—	0.00520	0.00520	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00255	0.01328	0.13280	0.00025	0.00051	—	0.00051	0.00051	—	0.00051	26.9463	26.9463	27.0388
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00113	0.00113	—	0.00017	0.00017	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00047	0.00242	0.02424	0.00005	0.00009	—	0.00009	0.00009	—	0.00009	4.46126	4.46126	4.47657
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00021	0.00021	—	0.00003	0.00003	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.10.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00110	0.00109	0.01282	0.00000	0.00000	0.00232	0.00232	0.00000	0.00054	0.00054	2.30783	2.30783	2.34368
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00020	0.00020	0.00234	0.00000	0.00000	0.00042	0.00042	0.00000	0.00010	0.00010	0.38209	0.38209	0.38802
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.11 Removal of American (Rail) Crane (2027)

3.11.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07768	0.40394	4.03935	0.00757	0.01554	—	0.01554	0.01554	—	0.01554	819.616	819.616	822.429
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00149	0.00775	0.07747	0.00015	0.00030	—	0.00030	0.00030	—	0.00030	15.7187	15.7187	15.7726
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00027	0.00141	0.01414	0.00003	0.00005	—	0.00005	0.00005	—	0.00005	2.60240	2.60240	2.61133
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.11.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00064	0.00063	0.00748	0.00000	0.00000	0.00135	0.00135	0.00000	0.00032	0.00032	1.34624	1.34624	1.36715
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00012	0.00012	0.00136	0.00000	0.00000	0.00025	0.00025	0.00000	0.00006	0.00006	0.22288	0.22288	0.22635
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.12 Removal of Transformer Units (2027)

3.12.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03554	0.18480	2.62985	0.00347	0.00711	—	0.00711	0.00711	—	0.00711	375.083	375.083	376.370
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00068	0.00354	0.05044	0.00007	0.00014	—	0.00014	0.00014	—	0.00014	7.19337	7.19337	7.21806
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00012	0.00065	0.00920	0.00001	0.00002	—	0.00002	0.00002	—	0.00002	1.19094	1.19094	1.19503
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.12.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00064	0.00063	0.00748	0.00000	0.00000	0.00135	0.00135	0.00000	0.00032	0.00032	1.34624	1.34624	1.36715
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00012	0.00012	0.00136	0.00000	0.00000	0.00025	0.00025	0.00000	0.00006	0.00006	0.22288	0.22288	0.22635
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.13 Removal of Existing Concrete and Asphalt Surfacing (2027)

3.13.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.46217	7.60327	76.0327	0.14244	0.29243	—	0.29243	0.29243	—	0.29243	15,416.4	15,416.4	15,469.4
Dust From Material Movement	—	—	—	—	—	0.00883	0.00883	—	0.00134	0.00134	—	—	—
Demolition	—	—	—	—	—	16.1110	16.1110	—	2.43967	2.43967	—	—	—
Onsite truck	0.02811	0.49835	0.37997	0.00099	0.00066	5.56727	5.56793	0.00066	0.55647	0.55713	103.070	103.070	108.160
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.46217	7.60327	76.0327	0.14244	0.29243	—	0.29243	0.29243	—	0.29243	15,416.4	15,416.4	15,469.4
Dust From Material Movement	—	—	—	—	—	0.00883	0.00883	—	0.00134	0.00134	—	—	—
Demolition	—	—	—	—	—	16.1110	16.1110	—	2.43967	2.43967	—	—	—
Onsite truck	0.02414	0.53506	0.39253	0.00099	0.00066	5.56727	5.56793	0.00066	0.55647	0.55713	104.738	104.738	109.718
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22433	1.16653	11.6653	0.02185	0.04487	—	0.04487	0.04487	—	0.04487	2,365.26	2,365.26	2,373.38

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Dust From Material Movement	—	—	—	—	—	0.00135	0.00135	—	0.00021	0.00021	—	—	—
Demolition	—	—	—	—	—	2.47183	2.47183	—	0.37431	0.37431	—	—	—
Onsite truck	0.00401	0.07900	0.05911	0.00015	0.00010	0.81113	0.81123	0.00010	0.08108	0.08118	15.9210	15.9210	16.6909
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04094	0.21289	2.12892	0.00399	0.00819	—	0.00819	0.00819	—	0.00819	391.596	391.596	392.940
Dust From Material Movement	—	—	—	—	—	0.00025	0.00025	—	0.00004	0.00004	—	—	—
Demolition	—	—	—	—	—	0.45111	0.45111	—	0.06831	0.06831	—	—	—
Onsite truck	0.00073	0.01442	0.01079	0.00003	0.00002	0.14803	0.14805	0.00002	0.01480	0.01482	2.63590	2.63590	2.76337

3.13.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.09524	5.25009	1.03309	0.04101	0.07937	1.66860	1.74797	0.07937	0.45683	0.53620	5,631.23	5,631.23	5,908.62
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.08730	5.51861	1.05822	0.04101	0.07937	1.66860	1.74797	0.07937	0.45683	0.53620	5,634.56	5,634.56	5,900.64
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00515	0.00507	0.05982	0.00000	0.00000	0.01081	0.01081	0.00000	0.00253	0.00253	10.7699	10.7699	10.9372
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01400	0.84649	0.16012	0.00629	0.01218	0.25370	0.26588	0.01218	0.06951	0.08169	864.184	864.184	905.727
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00094	0.00093	0.01092	0.00000	0.00000	0.00197	0.00197	0.00000	0.00046	0.00046	1.78308	1.78308	1.81077
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00256	0.15448	0.02922	0.00115	0.00222	0.04630	0.04852	0.00222	0.01269	0.01491	143.076	143.076	149.953

3.14 Backfill and Compaction (Multiple Areas) (2027)

3.14.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15268	0.79394	7.93942	0.01492	0.03054	—	0.03054	0.03054	—	0.03054	1,614.55	1,614.55	1,620.09
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15268	0.79394	7.93942	0.01492	0.03054	—	0.03054	0.03054	—	0.03054	1,614.55	1,614.55	1,620.09
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02635	0.13704	1.37037	0.00257	0.00527	—	0.00527	0.00527	—	0.00527	278.676	278.676	279.632
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00481	0.02501	0.25009	0.00047	0.00096	—	0.00096	0.00096	—	0.00096	46.1380	46.1380	46.2963
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.14.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00579	0.00571	0.06729	0.00000	0.00000	0.01217	0.01217	0.00000	0.00285	0.00285	12.1161	12.1161	12.3043
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00106	0.00104	0.01228	0.00000	0.00000	0.00222	0.00222	0.00000	0.00052	0.00052	2.00596	2.00596	2.03712
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.15 Lot Regrading/Rough Grade/Mitigation of Soil Impacts (2027)

3.15.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.18822	0.97873	9.78731	0.01835	0.03764	—	0.03764	0.03764	—	0.03764	1,986.29	1,986.29	1,993.10
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18822	0.97873	9.78731	0.01835	0.03764	—	0.03764	0.03764	—	0.03764	1,986.29	1,986.29	1,993.10
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03249	0.16893	1.68932	0.00317	0.00650	—	0.00650	0.00650	—	0.00650	342.838	342.838	344.015
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00593	0.03083	0.30830	0.00058	0.00119	—	0.00119	0.00119	—	0.00119	56.7608	56.7608	56.9556
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.15.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Worker	0.00579	0.00571	0.06729	0.00000	0.00000	0.01217	0.01217	0.00000	0.00285	0.00285	12.1161	12.1161	12.3043
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00106	0.00104	0.01228	0.00000	0.00000	0.00222	0.00222	0.00000	0.00052	0.00052	2.00596	2.00596	2.03712
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.16 Removal of Sumps/Drain Lines/ Utilities (2027)

3.16.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18096	0.94097	9.40968	0.01762	0.03619	—	0.03619	0.03619	—	0.03619	1,907.31	1,907.31	1,913.86
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.01140	0.05929	0.59294	0.00111	0.00228	—	0.00228	0.00228	—	0.00228	120.187	120.187	120.599
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00208	0.01082	0.10821	0.00020	0.00042	—	0.00042	0.00042	—	0.00042	19.8983	19.8983	19.9666
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.16.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00211	0.00208	0.02457	0.00000	0.00000	0.00444	0.00444	0.00000	0.00104	0.00104	4.42334	4.42334	4.49205
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00039	0.00038	0.00448	0.00000	0.00000	0.00081	0.00081	0.00000	0.00019	0.00019	0.73234	0.73234	0.74371
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.17 Removal of Floodlights (2027)

3.17.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07768	0.40394	4.03935	0.00757	0.01554	—	0.01554	0.01554	—	0.01554	819.616	819.616	822.429
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00298	0.01549	0.15493	0.00029	0.00060	—	0.00060	0.00060	—	0.00060	31.4373	31.4373	31.5452
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00054	0.00283	0.02828	0.00005	0.00011	—	0.00011	0.00011	—	0.00011	5.20481	5.20481	5.22267
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.17.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05006	0.04598	0.52409	0.00000	0.00000	0.10700	0.10700	0.00000	0.02508	0.02508	102.373	102.373	103.843
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00193	0.00190	0.02243	0.00000	0.00000	0.00406	0.00406	0.00000	0.00095	0.00095	4.03871	4.03871	4.10144
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00035	0.00035	0.00409	0.00000	0.00000	0.00074	0.00074	0.00000	0.00017	0.00017	0.66865	0.66865	0.67904
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.18 Removal of AST (1M Gallon) Tank (2027)

3.18.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18096	0.94097	9.40968	0.01762	0.03619	—	0.03619	0.03619	—	0.03619	1,907.31	1,907.31	1,913.86
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.33359	0.33359	—	0.05051	0.05051	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00694	0.03609	0.36092	0.00068	0.00139	—	0.00139	0.00139	—	0.00139	73.1572	73.1572	73.4082
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Demolition	—	—	—	—	—	0.01280	0.01280	—	0.00194	0.00194	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00127	0.00659	0.06587	0.00012	0.00025	—	0.00025	0.00025	—	0.00025	12.1120	12.1120	12.1536
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00234	0.00234	—	0.00035	0.00035	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.18.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01669	0.01533	0.17470	0.00000	0.00000	0.03567	0.03567	0.00000	0.00836	0.00836	34.1243	34.1243	34.6145
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Worker	0.00064	0.00063	0.00748	0.00000	0.00000	0.00135	0.00135	0.00000	0.00032	0.00032	1.34624	1.34624	1.36715
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00012	0.00012	0.00136	0.00000	0.00000	0.00025	0.00025	0.00000	0.00006	0.00006	0.22288	0.22288	0.22635
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.19 Removal of Pump Station (2027)

3.19.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23056	1.19891	11.9891	0.02247	0.04611	—	0.04611	0.04611	—	0.04611	2,432.13	2,432.13	2,440.48
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.17955	0.17955	—	0.02719	0.02719	—	—	—
Onsite truck	0.01127	0.24970	0.18318	0.00046	0.00031	2.59806	2.59837	0.00031	0.25969	0.25999	48.8778	48.8778	51.2016

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00884	0.04599	0.45986	0.00086	0.00177	—	0.00177	0.00177	—	0.00177	93.2873	93.2873	93.6074
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00689	0.00689	—	0.00104	0.00104	—	—	—
Onsite truck	0.00047	0.00922	0.00690	0.00002	0.00001	0.09463	0.09464	0.00001	0.00946	0.00947	1.85745	1.85745	1.94728
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00161	0.00839	0.08392	0.00016	0.00032	—	0.00032	0.00032	—	0.00032	15.4448	15.4448	15.4978
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00126	0.00126	—	0.00019	0.00019	—	—	—
Onsite truck	0.00009	0.00168	0.00126	< 0.000005	< 0.000005	0.01727	0.01727	< 0.000005	0.00173	0.00173	0.30752	0.30752	0.32239

3.19.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.04074	2.57535	0.49384	0.01914	0.03704	0.77868	0.81572	0.03704	0.21319	0.25023	2,629.46	2,629.46	2,753.63
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00129	0.00127	0.01495	0.00000	0.00000	0.00270	0.00270	0.00000	0.00063	0.00063	2.69247	2.69247	2.73429
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00163	0.09876	0.01868	0.00073	0.00142	0.02960	0.03102	0.00142	0.00811	0.00953	100.821	100.821	105.668
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00023	0.00023	0.00273	0.00000	0.00000	0.00049	0.00049	0.00000	0.00012	0.00012	0.44577	0.44577	0.45269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00030	0.01802	0.00341	0.00013	0.00026	0.00540	0.00566	0.00026	0.00148	0.00174	16.6921	16.6921	17.4946

3.20 Removal of Site Boundary Wall and Footings (2027)

3.20.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.10457	0.54374	5.43739	0.01019	0.02091	—	0.02091	0.02091	—	0.02091	1,103.49	1,103.49	1,107.28
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.14521	0.14521	—	0.02199	0.02199	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00401	0.02086	0.20856	0.00039	0.00080	—	0.00080	0.00080	—	0.00080	42.3257	42.3257	42.4710
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00557	0.00557	—	0.00084	0.00084	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00073	0.00381	0.03806	0.00007	0.00015	—	0.00015	0.00015	—	0.00015	7.00750	7.00750	7.03155
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Demolition	—	—	—	—	—	0.00102	0.00102	—	0.00015	0.00015	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.20.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03338	0.03066	0.34939	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	68.2487	68.2487	69.2290
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00129	0.00127	0.01495	0.00000	0.00000	0.00270	0.00270	0.00000	0.00063	0.00063	2.69247	2.69247	2.73429
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00023	0.00023	0.00273	0.00000	0.00000	0.00049	0.00049	0.00000	0.00012	0.00012	0.44577	0.44577	0.45269
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.21 Fugitive Dust Air Monitoring Network and Reporting (2027)

3.21.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06545	0.34034	3.40339	0.00640	0.01309	—	0.01309	0.01309	—	0.01309	692.471	692.471	694.847
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06545	0.34034	3.40339	0.00640	0.01309	—	0.01309	0.01309	—	0.01309	692.471	692.471	694.847
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02851	0.14826	1.48257	0.00279	0.00570	—	0.00570	0.00570	—	0.00570	301.652	301.652	302.687
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00520	0.02706	0.27057	0.00051	0.00104	—	0.00104	0.00104	—	0.00104	49.9419	49.9419	50.1133
Demolition	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.21.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00987	0.00702	0.12525	0.00000	0.00000	0.01783	0.01783	0.00000	0.00418	0.00418	19.1732	19.1732	19.4822
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00834	0.00766	0.08735	0.00000	0.00000	0.01783	0.01783	0.00000	0.00418	0.00418	17.0622	17.0622	17.3072
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00365	0.00360	0.04246	0.00000	0.00000	0.00768	0.00768	0.00000	0.00180	0.00180	7.64469	7.64469	7.76344
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00067	0.00066	0.00775	0.00000	0.00000	0.00140	0.00140	0.00000	0.00033	0.00033	1.26567	1.26567	1.28533
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.22 Remove Rail Spurs - Demolition (2027)

3.22.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15905	1.63882	7.92064	0.01409	0.02895	—	0.02895	0.02895	—	0.02895	1,526.10	1,526.10	1,531.33
Dust From Material Movement	—	—	—	—	—	0.02767	0.02767	—	0.00419	0.00419	—	—	—
Demolition	—	—	—	—	—	10.3019	10.3019	—	1.56001	1.56001	—	—	—
Onsite truck	0.09370	1.66118	1.26656	0.00331	0.00220	18.5576	18.5598	0.00220	1.85490	1.85710	343.567	343.567	360.534
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.00174	0.01796	0.08680	0.00015	0.00032	—	0.00032	0.00032	—	0.00032	16.7243	16.7243	16.7817
Dust From Material Movement	—	—	—	—	—	0.00030	0.00030	—	0.00005	0.00005	—	—	—
Demolition	—	—	—	—	—	0.11290	0.11290	—	0.01710	0.01710	—	—	—
Onsite truck	0.00095	0.01881	0.01407	0.00004	0.00002	0.19313	0.19315	0.00002	0.01931	0.01933	3.79071	3.79071	3.97403
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00032	0.00328	0.01584	0.00003	0.00006	—	0.00006	0.00006	—	0.00006	2.76890	2.76890	2.77841
Dust From Material Movement	—	—	—	—	—	0.00006	0.00006	—	0.00001	0.00001	—	—	—
Demolition	—	—	—	—	—	0.02060	0.02060	—	0.00312	0.00312	—	—	—
Onsite truck	0.00017	0.00343	0.00257	0.00001	< 0.000005	0.03525	0.03525	< 0.000005	0.00352	0.00353	0.62759	0.62759	0.65795

3.22.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03948	0.02808	0.50098	0.00000	0.00000	0.07133	0.07133	0.00000	0.01672	0.01672	76.6930	76.6930	77.9289
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.31747	17.5003	3.44362	0.13669	0.26455	5.56200	5.82655	0.26455	1.52278	1.78733	18,770.8	18,770.8	19,695.4

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00037	0.00036	0.00427	0.00000	0.00000	0.00077	0.00077	0.00000	0.00018	0.00018	0.76928	0.76928	0.78123
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00333	0.20154	0.03812	0.00150	0.00290	0.06040	0.06330	0.00290	0.01655	0.01945	205.758	205.758	215.649
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00007	0.00078	0.00000	0.00000	0.00014	0.00014	0.00000	0.00003	0.00003	0.12736	0.12736	0.12934
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00061	0.03678	0.00696	0.00027	0.00053	0.01102	0.01155	0.00053	0.00302	0.00355	34.0656	34.0656	35.7032

3.23 Place Gravel (2027)

3.23.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30331	1.57719	16.4825	0.02957	0.06066	—	0.06066	0.06066	—	0.06066	3,201.04	3,201.04	3,212.02

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Dust From Material Movement	—	—	—	—	—	0.13022	0.13022	—	0.01493	0.01493	—	—	—
Onsite truck	0.02173	0.48156	0.35328	0.00089	0.00060	5.01054	5.01114	0.00060	0.50082	0.50142	94.2644	94.2644	98.7459
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01246	0.06482	0.67736	0.00122	0.00249	—	0.00249	0.00249	—	0.00249	131.549	131.549	132.001
Dust From Material Movement	—	—	—	—	—	0.00535	0.00535	—	0.00061	0.00061	—	—	—
Onsite truck	0.00097	0.01904	0.01425	0.00004	0.00002	0.19554	0.19556	0.00002	0.01955	0.01957	3.83809	3.83809	4.02371
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00227	0.01183	0.12362	0.00022	0.00045	—	0.00045	0.00045	—	0.00045	21.7795	21.7795	21.8543
Dust From Material Movement	—	—	—	—	—	0.00098	0.00098	—	0.00011	0.00011	—	—	—
Onsite truck	0.00018	0.00348	0.00260	0.00001	< 0.000005	0.03569	0.03569	< 0.000005	0.00357	0.00357	0.63544	0.63544	0.66617

3.23.2 Offsite – Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06675	0.06131	0.69878	0.00000	0.00000	0.14266	0.14266	0.00000	0.03344	0.03344	136.497	136.497	138.458
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.08929	6.18820	1.02740	0.04762	0.09286	1.95226	2.04512	0.09286	0.53449	0.62735	6,560.71	6,560.71	6,870.50
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00276	0.00272	0.03204	0.00000	0.00000	0.00579	0.00579	0.00000	0.00136	0.00136	5.76958	5.76958	5.85920
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00382	0.25470	0.04168	0.00196	0.00382	0.07951	0.08332	0.00382	0.02178	0.02560	269.547	269.547	282.503
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00050	0.00050	0.00585	0.00000	0.00000	0.00106	0.00106	0.00000	0.00025	0.00025	0.95522	0.95522	0.97006
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00070	0.04648	0.00761	0.00036	0.00070	0.01451	0.01521	0.00070	0.00398	0.00467	44.6265	44.6265	46.7717

3.24 Remove Rail Spurs - Backfill (2027)

3.24.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Off-Road Equipment	0.20437	1.06272	10.9825	0.01992	0.04087	—	0.04087	0.04087	—	0.04087	2,156.90	2,156.90	2,164.30
Dust From Material Movement	—	—	—	—	—	0.02767	0.02767	—	0.00419	0.00419	—	—	—
Onsite truck	0.11712	2.07648	1.58319	0.00413	0.00276	23.1970	23.1997	0.00276	2.31862	2.32138	429.459	429.459	450.667
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00224	0.01165	0.12036	0.00022	0.00045	—	0.00045	0.00045	—	0.00045	23.6372	23.6372	23.7184
Dust From Material Movement	—	—	—	—	—	0.00030	0.00030	—	0.00005	0.00005	—	—	—
Onsite truck	0.00119	0.02351	0.01759	0.00005	0.00003	0.24141	0.24144	0.00003	0.02413	0.02416	4.73838	4.73838	4.96754
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00041	0.00213	0.02196	0.00004	0.00008	—	0.00008	0.00008	—	0.00008	3.91342	3.91342	3.92685
Dust From Material Movement	—	—	—	—	—	0.00006	0.00006	—	0.00001	0.00001	—	—	—
Onsite truck	0.00022	0.00429	0.00321	0.00001	0.00001	0.04406	0.04406	0.00001	0.00440	0.00441	0.78449	0.78449	0.82243

3.24.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01974	0.01404	0.25049	0.00000	0.00000	0.03567	0.03567	0.00000	0.00836	0.00836	38.3465	38.3465	38.9645
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.44644	27.2822	4.65175	0.22046	0.42990	9.03825	9.46815	0.42990	2.47451	2.90441	30,359.7	30,359.7	31,855.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00018	0.00018	0.00214	0.00000	0.00000	0.00039	0.00039	0.00000	0.00009	0.00009	0.38464	0.38464	0.39061
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00471	0.31445	0.05146	0.00242	0.00471	0.09816	0.10287	0.00471	0.02689	0.03161	332.773	332.773	348.770
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00003	0.00003	0.00039	0.00000	0.00000	0.00007	0.00007	0.00000	0.00002	0.00002	0.06368	0.06368	0.06467
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00086	0.05739	0.00939	0.00044	0.00086	0.01791	0.01877	0.00086	0.00491	0.00577	55.0944	55.0944	57.7428

3.25 Install Perimeter Fence (2027)

3.25.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11794	2.53332	5.30495	0.00819	0.01683	—	0.01683	0.01683	—	0.01683	889.634	889.634	892.687
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00080	0.01784	0.01308	0.00003	0.00002	0.18558	0.18560	0.00002	0.01855	0.01857	3.49127	3.49127	3.65725
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00092	0.01983	0.04153	0.00006	0.00013	—	0.00013	0.00013	—	0.00013	6.96387	6.96387	6.98777
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00001	0.00013	0.00010	< 0.000005	< 0.000005	0.00138	0.00138	< 0.000005	0.00014	0.00014	0.02708	0.02708	0.02839
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00017	0.00362	0.00758	0.00001	0.00002	—	0.00002	0.00002	—	0.00002	1.15295	1.15295	1.15690

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	< 0.000005	0.00002	0.00002	< 0.000005	< 0.000005	0.00025	0.00025	< 0.000005	0.00003	0.00003	0.00448	0.00448	0.00470

3.25.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05006	0.04598	0.52409	0.00000	0.00000	0.10700	0.10700	0.00000	0.02508	0.02508	102.373	102.373	103.843
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00123	0.06684	0.01609	0.00046	0.00088	0.01854	0.01942	0.00088	0.00508	0.00596	63.2592	63.2592	66.2468
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00039	0.00039	0.00458	0.00000	0.00000	0.00083	0.00083	0.00000	0.00019	0.00019	0.82423	0.82423	0.83703
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00001	0.00052	0.00012	< 0.000005	0.00001	0.00014	0.00015	0.00001	0.00004	0.00005	0.49493	0.49493	0.51872
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00007	0.00007	0.00084	0.00000	0.00000	0.00015	0.00015	0.00000	0.00004	0.00004	0.13646	0.13646	0.13858
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Hauling	< 0.000005	0.00010	0.00002	< 0.000005	< 0.000005	0.00003	0.00003	< 0.000005	0.00001	0.00001	0.08194	0.08194	0.08588

3.26 Install Perimeter Fence (2028)

3.26.1 Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11794	2.53332	5.30495	0.00819	0.01683	—	0.01683	0.01683	—	0.01683	889.859	889.859	892.913
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00080	0.01769	0.01308	0.00003	0.00002	0.18558	0.18560	0.00002	0.01855	0.01857	3.41597	3.41597	3.57866
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00508	0.10907	0.22839	0.00035	0.00072	—	0.00072	0.00072	—	0.00072	38.3110	38.3110	38.4424
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00004	0.00073	0.00055	< 0.000005	< 0.000005	0.00759	0.00759	< 0.000005	0.00076	0.00076	0.14570	0.14570	0.15275

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00093	0.01990	0.04168	0.00006	0.00013	—	0.00013	0.00013	—	0.00013	6.34282	6.34282	6.36458
Dust From Material Movement	—	—	—	—	—	0.00000	0.00000	—	0.00000	0.00000	—	—	—
Onsite truck	0.00001	0.00013	0.00010	< 0.000005	< 0.000005	0.00138	0.00138	< 0.000005	0.00014	0.00014	0.02412	0.02412	0.02529

3.26.2 Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04821	0.04212	0.49384	0.00000	0.00000	0.10700	0.10700	0.00000	0.02508	0.02508	100.565	100.565	102.028
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00123	0.06541	0.01609	0.00046	0.00088	0.01854	0.01942	0.00088	0.00508	0.00596	61.6315	61.6315	64.4875
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00210	0.00197	0.02358	0.00000	0.00000	0.00455	0.00455	0.00000	0.00107	0.00107	4.45297	4.45297	4.52248
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00006	0.00281	0.00068	0.00002	0.00004	0.00079	0.00083	0.00004	0.00022	0.00025	2.65204	2.65204	2.77708

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	NBCO2	CO2T	CO2e
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00038	0.00036	0.00430	0.00000	0.00000	0.00083	0.00083	0.00000	0.00019	0.00019	0.73724	0.73724	0.74875
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00001	0.00051	0.00012	< 0.000005	0.00001	0.00014	0.00015	0.00001	0.00004	0.00005	0.43908	0.43908	0.45978

5 Activity Data

5.1 Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Soil Management Plan Implementation	Demolition	7/1/2027	11/30/2027	7.00000	153.000	—
Removal of Portable Equipment	Demolition	7/1/2027	7/7/2027	7.00000	7.00000	—
Disposal/Recycling of Existing Waste Streams	Demolition	7/1/2027	7/23/2027	7.00000	23.0000	—
Utility Disconnect and Safe-Off	Demolition	7/1/2027	7/2/2027	7.00000	2.00000	—
Grubbing/Landscaping Removal	Demolition	7/5/2027	7/8/2027	7.00000	4.00000	—
Pressure Wash/Clean Existing Surfaces	Demolition	7/5/2027	7/6/2027	7.00000	2.00000	—
Office Building Demolition (Footings & Foundation) & Haul Away	Demolition	7/7/2027	7/22/2027	7.00000	16.0000	—
Removal of Conveyor Hopper System	Demolition	7/7/2027	7/20/2027	7.00000	14.0000	—
Truck Scale (4 Bay) Demolition	Demolition	7/23/2027	8/5/2027	7.00000	14.0000	—
Removal of pedestal crane (footings/ foundation)	Demolition	7/23/2027	8/3/2027	7.00000	12.0000	—
Removal of American (Rail) Crane	Demolition	7/23/2027	7/29/2027	7.00000	7.00000	—
Removal of Transformer Units	Demolition	8/4/2027	8/10/2027	7.00000	7.00000	—

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Removal of Existing Concrete and Asphalt Surfacing	Demolition	8/11/2027	10/5/2027	7.00000	56.0000	—
Backfill and Compaction (Multiple Areas)	Demolition	9/8/2027	11/9/2027	7.00000	63.0000	—
Lot Regrading/Rough Grade/Mitigation of Soil Impacts	Demolition	9/29/2027	11/30/2027	7.00000	63.0000	—
Removal of Sumps/Drain Lines/ Utilities	Demolition	10/6/2027	10/28/2027	7.00000	23.0000	—
Removal of Floodlights	Demolition	10/6/2027	10/19/2027	7.00000	14.0000	—
Removal of AST (1M Gallon) Tank	Demolition	10/29/2027	11/11/2027	7.00000	14.0000	—
Removal of Pump Station	Demolition	10/29/2027	11/11/2027	7.00000	14.0000	—
Removal of Site Boundary Wall and Footings	Demolition	10/29/2027	11/11/2027	7.00000	14.0000	—
Fugitive Dust Air Monitoring Network and Reporting	Demolition	7/1/2027	12/6/2027	7.00000	159.000	—
Remove Rail Spurs - Demolition	Demolition	8/11/2027	8/14/2027	7.00000	4.00000	—
Place Gravel	Grading	12/1/2027	12/21/2027	5.00000	15.0000	—
Remove Rail Spurs - Backfill	Grading	8/15/2027	8/18/2027	7.00000	4.00000	—
Install Perimeter Fence	Building Construction	12/28/2027	1/22/2028	5.00000	19.0000	—

5.2 Off-Road Equipment

5.2.1 Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Soil Management Plan Implementation	Off-Highway Trucks	Diesel	Tier 4 Final	2.00000	4.00000	475.000	0.10000
Disposal/Recycling of Existing Waste Streams	Rubber Tired Loaders	Diesel	Tier 4 Final	1.000000	5.00000	527.000	0.36000
Utility Disconnect and Safe-Off	Off-Highway Trucks	Diesel	Tier 4 Final	2.00000	4.00000	475.000	0.10000

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Grubbing/ Landscaping Removal	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	4.00000	475.000	0.10000
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	9.00000	475.000	0.10000
Office Building Demolition (Footings & Foundation) & Haul Away	Excavators	Diesel	Tier 4 Final	1.000000	9.00000	480.000	0.38000
Removal of Conveyor Hopper System	Cranes	Diesel	Tier 4 Final	1.000000	9.00000	270.000	0.29000
Truck Scale (4 Bay) Demolition	Aerial Lifts	Diesel	Tier 4 Final	1.000000	8.00000	130.000	0.31000
Removal of pedestal crane (footings/ foundation)	Cranes	Diesel	Tier 4 Final	1.000000	9.00000	270.000	0.29000
Removal of American (Rail) Crane	Cranes	Diesel	Tier 4 Final	1.000000	9.00000	270.000	0.29000
Removal of Transformer Units	Aerial Lifts	Diesel	Tier 4 Final	1.000000	8.00000	130.000	0.31000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Diesel	Tier 4 Final	2.00000	9.00000	480.000	0.38000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Diesel	Tier 4 Final	2.00000	9.00000	480.000	0.38000
Removal of Existing Concrete and Asphalt Surfacing	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00000	9.00000	527.000	0.36000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Diesel	Tier 4 Final	2.00000	9.00000	480.000	0.38000
Backfill and Compaction (Multiple Areas)	Rollers	Diesel	Tier 4 Final	1.000000	9.00000	405.000	0.38000
Lot Regrading/Rough Grade/Mitigation of Soil Impacts	Rubber Tired Loaders	Diesel	Tier 4 Final	1.000000	9.00000	527.000	0.36000
Removal of Sumps/ Drain Lines/ Utilities	Excavators	Diesel	Tier 4 Final	1.000000	9.00000	480.000	0.38000
Removal of Floodlights	Cranes	Diesel	Tier 4 Final	1.000000	9.00000	270.000	0.29000

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Removal of AST (1M Gallon) Tank	Excavators	Diesel	Tier 4 Final	1.000000	9.00000	480.000	0.38000
Removal of Pump Station	Excavators	Diesel	Tier 4 Final	1.000000	9.00000	480.000	0.38000
Removal of Pump Station	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	10.00000	450.000	0.10000
Removal of Site Boundary Wall and Footings	Rubber Tired Loaders	Diesel	Tier 4 Final	1.000000	5.00000	527.000	0.36000
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	5.00000	475.000	0.25000
Remove Rail Spurs - Demolition	Forklifts	Diesel	Tier 4 Final	1.000000	3.00000	74.0000	0.73000
Remove Rail Spurs - Demolition	Excavators	Diesel	Tier 4 Final	1.000000	4.00000	480.000	0.38000
Remove Rail Spurs - Demolition	Rubber Tired Loaders	Diesel	Tier 4 Final	1.000000	2.00000	527.000	0.40000
Place Gravel	Rubber Tired Loaders	Diesel	Tier 4 Final	1.000000	8.00000	250.000	0.41000
Place Gravel	Crawler Tractors	Diesel	Tier 4 Final	1.000000	8.00000	230.000	0.40000
Place Gravel	Rollers	Diesel	Tier 4 Final	1.000000	8.00000	99.0000	0.37000
Place Gravel	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	5.00000	475.000	0.38000
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Diesel	Tier 4 Final	3.00000	3.00000	527.000	0.36000
Remove Rail Spurs - Backfill	Rollers	Diesel	Tier 4 Final	1.000000	4.00000	99.0000	0.37000
Install Perimeter Fence	Off-Highway Trucks	Diesel	Tier 4 Final	2.00000	4.00000	475.000	0.10000
Install Perimeter Fence	Tractors/Loaders/ Backhoes	Diesel	Tier 4 Final	2.00000	7.00000	74.0000	0.37000

5.3 Construction Vehicles

5.3.1 Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Soil Management Plan Implementation	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Soil Management Plan Implementation	Vendor	0.00000	7.75000	HHDT,MHDT
Soil Management Plan Implementation	Hauling	0.00000	20.0000	HHDT
Soil Management Plan Implementation	Onsite truck	0.00000	—	HHDT
Removal of Portable Equipment	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of Portable Equipment	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Portable Equipment	Hauling	8.00000	30.0000	HHDT
Removal of Portable Equipment	Onsite truck	4.00000	0.50000	HHDT
Disposal/Recycling of Existing Waste Streams	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Disposal/Recycling of Existing Waste Streams	Vendor	—	7.75000	HHDT,MHDT
Disposal/Recycling of Existing Waste Streams	Hauling	200.000	30.0000	HHDT
Disposal/Recycling of Existing Waste Streams	Onsite truck	100.0000	0.50000	HHDT
Utility Disconnect and Safe-Off	Worker	4.00000	12.6200	LDA,LDT1,LDT2
Utility Disconnect and Safe-Off	Vendor	0.00000	7.75000	HHDT,MHDT
Utility Disconnect and Safe-Off	Hauling	0.00000	20.0000	HHDT
Utility Disconnect and Safe-Off	Onsite truck	0.00000	—	HHDT
Grubbing/Landscaping Removal	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Grubbing/Landscaping Removal	Vendor	0.00000	7.75000	HHDT,MHDT
Grubbing/Landscaping Removal	Hauling	0.00000	20.0000	HHDT

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Grubbing/Landscaping Removal	Onsite truck	0.00000	—	HHDT
Pressure Wash/Clean Existing Surfaces	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Pressure Wash/Clean Existing Surfaces	Vendor	0.00000	7.75000	HHDT,MHDT
Pressure Wash/Clean Existing Surfaces	Hauling	0.00000	20.0000	HHDT
Pressure Wash/Clean Existing Surfaces	Onsite truck	0.00000	—	HHDT
Office Building Demolition (Footings & Foundation) & Haul Away	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Office Building Demolition (Footings & Foundation) & Haul Away	Vendor	0.00000	7.75000	HHDT,MHDT
Office Building Demolition (Footings & Foundation) & Haul Away	Hauling	40.0000	30.0000	HHDT
Office Building Demolition (Footings & Foundation) & Haul Away	Onsite truck	20.0000	0.50000	HHDT
Removal of Conveyor Hopper System	Worker	12.0000	12.6200	LDA,LDT1,LDT2
Removal of Conveyor Hopper System	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Conveyor Hopper System	Hauling	0.00000	20.0000	HHDT
Removal of Conveyor Hopper System	Onsite truck	0.00000	—	HHDT
Truck Scale (4 Bay) Demolition	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Truck Scale (4 Bay) Demolition	Vendor	0.00000	7.75000	HHDT,MHDT
Truck Scale (4 Bay) Demolition	Hauling	0.00000	20.0000	HHDT
Truck Scale (4 Bay) Demolition	Onsite truck	0.00000	—	HHDT
Removal of pedestal crane (footings/ foundation)	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of pedestal crane (footings/ foundation)	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of pedestal crane (footings/ foundation)	Hauling	0.00000	20.0000	HHDT
Removal of pedestal crane (footings/ foundation)	Onsite truck	0.00000	—	HHDT

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Removal of American (Rail) Crane	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of American (Rail) Crane	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of American (Rail) Crane	Hauling	0.00000	20.0000	HHDT
Removal of American (Rail) Crane	Onsite truck	0.00000	—	HHDT
Removal of Transformer Units	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of Transformer Units	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Transformer Units	Hauling	0.00000	20.0000	HHDT
Removal of Transformer Units	Onsite truck	0.00000	—	HHDT
Removal of Existing Concrete and Asphalt Surfacing	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of Existing Concrete and Asphalt Surfacing	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Existing Concrete and Asphalt Surfacing	Hauling	60.0000	30.0000	HHDT
Removal of Existing Concrete and Asphalt Surfacing	Onsite truck	30.0000	0.50000	HHDT
Backfill and Compaction (Multiple Areas)	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Backfill and Compaction (Multiple Areas)	Vendor	0.00000	7.75000	HHDT,MHDT
Backfill and Compaction (Multiple Areas)	Hauling	0.00000	20.0000	HHDT
Backfill and Compaction (Multiple Areas)	Onsite truck	0.00000	—	HHDT
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Vendor	0.00000	7.75000	HHDT,MHDT
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Hauling	0.00000	20.0000	HHDT
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Onsite truck	0.00000	—	HHDT
Removal of Sumps/Drain Lines/ Utilities	Worker	8.00000	12.6200	LDA,LDT1,LDT2

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Removal of Sumps/Drain Lines/ Utilities	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Sumps/Drain Lines/ Utilities	Hauling	0.00000	20.0000	HHDT
Removal of Sumps/Drain Lines/ Utilities	Onsite truck	0.00000	—	HHDT
Removal of Floodlights	Worker	12.0000	12.6200	LDA,LDT1,LDT2
Removal of Floodlights	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Floodlights	Hauling	0.00000	20.0000	HHDT
Removal of Floodlights	Onsite truck	0.00000	—	HHDT
Removal of AST (1M Gallon) Tank	Worker	4.00000	12.6200	LDA,LDT1,LDT2
Removal of AST (1M Gallon) Tank	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of AST (1M Gallon) Tank	Hauling	0.00000	20.0000	HHDT
Removal of AST (1M Gallon) Tank	Onsite truck	0.00000	—	HHDT
Removal of Pump Station	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of Pump Station	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Pump Station	Hauling	28.0000	30.0000	HHDT
Removal of Pump Station	Onsite truck	14.0000	0.50000	HHDT
Removal of Site Boundary Wall and Footings	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Removal of Site Boundary Wall and Footings	Vendor	0.00000	7.75000	HHDT,MHDT
Removal of Site Boundary Wall and Footings	Hauling	0.00000	20.0000	HHDT
Removal of Site Boundary Wall and Footings	Onsite truck	0.00000	—	HHDT
Fugitive Dust Air Monitoring Network and Reporting	Worker	2.00000	12.6200	LDA,LDT1,LDT2
Fugitive Dust Air Monitoring Network and Reporting	Vendor	0.00000	7.75000	HHDT,MHDT

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Fugitive Dust Air Monitoring Network and Reporting	Hauling	0.00000	20.0000	HHDT
Fugitive Dust Air Monitoring Network and Reporting	Onsite truck	0.00000	—	HHDT
Remove Rail Spurs - Demolition	Worker	8.00000	12.6200	LDA,LDT1,LDT2
Remove Rail Spurs - Demolition	Vendor	0.00000	7.75000	HHDT,MHDT
Remove Rail Spurs - Demolition	Hauling	200.000	30.0000	HHDT
Remove Rail Spurs - Demolition	Onsite truck	100.0000	0.50000	HHDT
Place Gravel	Worker	16.0000	12.6200	LDA,LDT1,LDT2
Place Gravel	Vendor	0.00000	7.75000	HHDT,MHDT
Place Gravel	Hauling	54.0000	39.0000	HHDT
Place Gravel	Onsite truck	27.0000	0.50000	HHDT
Remove Rail Spurs - Backfill	Worker	4.00000	12.6200	LDA,LDT1,LDT2
Remove Rail Spurs - Backfill	Vendor	0.00000	7.75000	HHDT,MHDT
Remove Rail Spurs - Backfill	Hauling	250.000	39.0000	HHDT
Remove Rail Spurs - Backfill	Onsite truck	125.000	0.50000	HHDT
Install Perimeter Fence	Worker	12.0000	12.6200	LDA,LDT1,LDT2
Install Perimeter Fence	Vendor	0.00000	7.75000	HHDT,MHDT
Install Perimeter Fence	Hauling	1.000000	20.0000	HHDT
Install Perimeter Fence	Onsite truck	1.000000	0.50000	HHDT

5.4 Vehicles

5.4.1 Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5 Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Pressure Wash/Clean Existing Surfaces	0.00000	0.00000	0.00000	0.00000	—

5.6 Dust Mitigation

5.6.1 Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Disposal/Recycling of Existing Waste Streams	0.00000	36,800.0	0.50000	0.00000	0.00000
Office Building Demolition (Footings & Foundation) & Haul Away	0.00000	2,085.00	0.20000	2,085.00	0.00000
Removal of Conveyor Hopper System	0.00000	0.00000	0.01000	48.0000	0.00000
Truck Scale (4 Bay) Demolition	0.00000	0.00000	0.20000	4,889.00	0.00000
Removal of pedestal crane (footings/foundation)	0.00000	0.00000	0.01000	30.0000	0.00000
Removal of Existing Concrete and Asphalt Surfacing	0.00000	26,800.0	1.000000	65,683.0	0.00000

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	0.00000	0.00000	4.25000	0.00000	0.00000
Removal of AST (1M Gallon) Tank	0.00000	0.00000	0.07000	340.000	0.00000
Removal of Pump Station	0.00000	0.00000	0.01000	183.000	0.00000
Removal of Site Boundary Wall and Footings	0.00000	0.00000	0.01000	148.000	0.00000
Fugitive Dust Air Monitoring Network and Reporting	0.00000	0.00000	0.00000	0.00000	0.00000
Remove Rail Spurs - Demolition	0.00000	3,000.00	0.44000	3,000.00	0.00000
Place Gravel	8,100.00	0.00000	4.00000	0.00000	0.00000
Remove Rail Spurs - Backfill	6,000.00	0.00000	0.44000	0.00000	0.00000
Install Perimeter Fence	0.00000	0.00000	0.50000	0.00000	0.00000

5.6.2 Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7 Construction Paving

5.8 Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00000	531.983	0.03300	0.00400

Year	kWh per Year	CO ₂	CH ₄	N ₂ O
2028	0.00000	531.983	0.03300	0.00400

8 User Changes to Default Data

8.1 Justifications

Screen	Justification
Characteristics: Project Details	Project-specific information.
Land Use	Project-specific information.
Construction: Construction Phases	Project-specific data.
Construction: Off-Road Equipment	Project-specific information.
Construction: Dust From Material Movement	Project-specific information.
Construction: Demolition	Project-specific information.
Construction: Trips and VMT	Project-specific information

8.3 Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	18.4803	18.9000
Building Area	sq. ft	805,000	0.00000
Landscape Area	sq. ft	—	1,000.000

8.4 Construction

8.4.1 Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Office Building Demolition (Footings & Foundation) & Haul Away	Days/Week	6.00000	7.00000
Demolition	Office Building Demolition (Footings & Foundation) & Haul Away	Work Days per Phase	14.0000	16.0000
Demolition	Removal of Conveyor Hopper System	Days/Week	6.00000	7.00000
Demolition	Removal of Conveyor Hopper System	Work Days per Phase	12.0000	14.0000
Demolition	Truck Scale (4 Bay) Demolition	Days/Week	6.00000	7.00000
Demolition	Truck Scale (4 Bay) Demolition	Work Days per Phase	12.0000	14.0000
Demolition	Removal of pedestal crane (footings/ foundation)	Days/Week	6.00000	7.00000
Demolition	Removal of pedestal crane (footings/ foundation)	Work Days per Phase	10.00000	12.0000
Demolition	Removal of American (Rail) Crane	Days/Week	6.00000	7.00000
Demolition	Removal of American (Rail) Crane	Work Days per Phase	6.00000	7.00000
Demolition	Removal of Transformer Units	Days/Week	6.00000	7.00000
Demolition	Removal of Transformer Units	Work Days per Phase	6.00000	7.00000
Demolition	Removal of Existing Concrete and Asphalt Surfacing	Days/Week	6.00000	7.00000
Demolition	Removal of Existing Concrete and Asphalt Surfacing	Work Days per Phase	48.0000	56.0000
Demolition	Backfill and Compaction (Multiple Areas)	Days/Week	6.00000	7.00000
Demolition	Backfill and Compaction (Multiple Areas)	Work Days per Phase	54.0000	63.0000
Demolition	Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Days/Week	6.00000	7.00000
Demolition	Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Work Days per Phase	54.0000	63.0000
Demolition	Removal of Sumps/Drain Lines/ Utilities	Days/Week	6.00000	7.00000

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Removal of Sumps/Drain Lines/ Utilities	Work Days per Phase	20.0000	23.0000
Demolition	Removal of Floodlights	Days/Week	6.00000	7.00000
Demolition	Removal of Floodlights	Work Days per Phase	12.0000	14.0000
Demolition	Removal of AST (1M Gallon) Tank	Days/Week	6.00000	7.00000
Demolition	Removal of AST (1M Gallon) Tank	Work Days per Phase	12.0000	14.0000
Demolition	Removal of Pump Station	Days/Week	6.00000	7.00000
Demolition	Removal of Pump Station	Work Days per Phase	12.0000	14.0000
Demolition	Removal of Site Boundary Wall and Footings	Days/Week	6.00000	7.00000
Demolition	Removal of Site Boundary Wall and Footings	Work Days per Phase	12.0000	14.0000
Demolition	Fugitive Dust Air Monitoring Network and Reporting	Days/Week	6.00000	7.00000
Demolition	Fugitive Dust Air Monitoring Network and Reporting	Work Days per Phase	136.000	159.000
Grading	Place Gravel	Start Date	12/10/2027	12/1/2027
Grading	Place Gravel	End Date	12/16/2027	12/21/2027
Grading	Place Gravel	Days/Week	6.00000	5.00000
Grading	Place Gravel	Work Days per Phase	6.00000	15.0000
Building Construction	Install Perimeter Fence	Start Date	11/19/2027	12/28/2027
Building Construction	Install Perimeter Fence	End Date	12/9/2027	1/22/2028
Building Construction	Install Perimeter Fence	Days/Week	6.00000	5.00000
Building Construction	Install Perimeter Fence	Work Days per Phase	18.0000	19.0000

8.4.2 Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Soil Management Plan Implementation	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Soil Management Plan Implementation	Off-Highway Trucks	Number per Day	1.000000	2.00000
Soil Management Plan Implementation	Off-Highway Trucks	Hours Per Day	8.00000	4.00000
Soil Management Plan Implementation	Off-Highway Trucks	Horsepower	33.0000	475.000
Soil Management Plan Implementation	Off-Highway Trucks	Load Factor	0.73000	0.10000
Grubbing/Landscaping Removal	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Grubbing/Landscaping Removal	Off-Highway Trucks	Number per Day	3.00000	1.000000
Grubbing/Landscaping Removal	Off-Highway Trucks	Hours Per Day	8.00000	4.00000
Grubbing/Landscaping Removal	Off-Highway Trucks	Horsepower	36.0000	475.000
Grubbing/Landscaping Removal	Off-Highway Trucks	Load Factor	0.38000	0.10000
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Number per Day	3.00000	1.000000
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Hours Per Day	8.00000	9.00000
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Horsepower	36.0000	475.000
Pressure Wash/Clean Existing Surfaces	Off-Highway Trucks	Load Factor	0.38000	0.10000
Office Building Demolition (Footings & Foundation) & Haul Away	Excavators	Engine Tier	Average	Tier 4 Final
Office Building Demolition (Footings & Foundation) & Haul Away	Excavators	Number per Day	3.00000	1.000000
Office Building Demolition (Footings & Foundation) & Haul Away	Excavators	Hours Per Day	8.00000	9.00000
Office Building Demolition (Footings & Foundation) & Haul Away	Excavators	Horsepower	36.0000	480.000
Removal of American (Rail) Crane	Cranes	Engine Tier	Average	Tier 4 Final

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Removal of American (Rail) Crane	Cranes	Hours Per Day	8.00000	9.00000
Removal of American (Rail) Crane	Cranes	Horsepower	33.0000	270.000
Removal of American (Rail) Crane	Cranes	Load Factor	0.73000	0.29000
Removal of Transformer Units	Aerial Lifts	Engine Tier	Average	Tier 4 Final
Removal of Transformer Units	Aerial Lifts	Number per Day	2.00000	1.000000
Removal of Transformer Units	Aerial Lifts	Horsepower	367.000	130.000
Removal of Transformer Units	Aerial Lifts	Load Factor	0.40000	0.31000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Engine Tier	Average	Tier 4 Final
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Number per Day	3.00000	2.00000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Hours Per Day	8.00000	9.00000
Removal of Existing Concrete and Asphalt Surfacing	Excavators	Horsepower	36.0000	480.000
Removal of Sumps/Drain Lines/ Utilities	Excavators	Engine Tier	Average	Tier 4 Final
Removal of Sumps/Drain Lines/ Utilities	Excavators	Number per Day	3.00000	1.000000
Removal of Sumps/Drain Lines/ Utilities	Excavators	Hours Per Day	8.00000	9.00000
Removal of Sumps/Drain Lines/ Utilities	Excavators	Horsepower	36.0000	480.000
Removal of AST (1M Gallon) Tank	Excavators	Engine Tier	Average	Tier 4 Final
Removal of AST (1M Gallon) Tank	Excavators	Number per Day	3.00000	1.000000
Removal of AST (1M Gallon) Tank	Excavators	Hours Per Day	8.00000	9.00000
Removal of AST (1M Gallon) Tank	Excavators	Horsepower	36.0000	480.000
Removal of Pump Station	Excavators	Engine Tier	Average	Tier 4 Final
Removal of Pump Station	Excavators	Number per Day	3.00000	1.000000

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Removal of Pump Station	Excavators	Hours Per Day	8.00000	9.00000
Removal of Pump Station	Excavators	Horsepower	36.0000	480.000
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Number per Day	2.00000	1.000000
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Hours Per Day	8.00000	5.00000
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Horsepower	367.000	475.000
Fugitive Dust Air Monitoring Network and Reporting	Off-Highway Trucks	Load Factor	0.40000	0.25000
Remove Rail Spurs - Demolition	Forklifts	Engine Tier	Average	Tier 4 Final
Remove Rail Spurs - Demolition	Forklifts	Hours Per Day	8.00000	3.00000
Remove Rail Spurs - Demolition	Forklifts	Horsepower	33.0000	74.0000
Remove Rail Spurs - Demolition	Excavators	Engine Tier	Average	Tier 4 Final
Remove Rail Spurs - Demolition	Excavators	Number per Day	3.00000	1.000000
Remove Rail Spurs - Demolition	Excavators	Hours Per Day	8.00000	4.00000
Remove Rail Spurs - Demolition	Excavators	Horsepower	36.0000	480.000
Remove Rail Spurs - Demolition	Rubber Tired Loaders	Engine Tier	Average	Tier 4 Final
Remove Rail Spurs - Demolition	Rubber Tired Loaders	Number per Day	2.00000	1.000000
Remove Rail Spurs - Demolition	Rubber Tired Loaders	Hours Per Day	8.00000	2.00000
Remove Rail Spurs - Demolition	Rubber Tired Loaders	Horsepower	367.000	527.000
Place Gravel	Rubber Tired Loaders	Engine Tier	Average	Tier 4 Final
Place Gravel	Rubber Tired Loaders	Horsepower	148.000	250.000
Place Gravel	Crawler Tractors	Engine Tier	Average	Tier 4 Final

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Place Gravel	Crawler Tractors	Horsepower	367.000	230.000
Place Gravel	Rollers	Engine Tier	Average	Tier 4 Final
Place Gravel	Rollers	Number per Day	2.00000	1.000000
Place Gravel	Rollers	Horsepower	84.0000	99.0000
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Engine Tier	Average	Tier 4 Final
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Number per Day	2.00000	3.00000
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Hours Per Day	8.00000	3.00000
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Horsepower	423.000	527.000
Remove Rail Spurs - Backfill	Rubber Tired Loaders	Load Factor	0.48000	0.36000
Remove Rail Spurs - Backfill	Rollers	Engine Tier	Average	Tier 4 Final
Remove Rail Spurs - Backfill	Rollers	Number per Day	2.00000	1.000000
Remove Rail Spurs - Backfill	Rollers	Hours Per Day	8.00000	4.00000
Remove Rail Spurs - Backfill	Rollers	Horsepower	84.0000	99.0000
Install Perimeter Fence	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Install Perimeter Fence	Off-Highway Trucks	Number per Day	3.00000	2.00000
Install Perimeter Fence	Off-Highway Trucks	Hours Per Day	8.00000	4.00000
Install Perimeter Fence	Off-Highway Trucks	Horsepower	82.0000	475.000
Install Perimeter Fence	Off-Highway Trucks	Load Factor	0.20000	0.10000
Install Perimeter Fence	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Install Perimeter Fence	Tractors/Loaders/Backhoes	Number per Day	3.00000	2.00000
Install Perimeter Fence	Tractors/Loaders/Backhoes	Horsepower	84.0000	74.0000

8.4.4 Dust from Material Movement

Phase Name	Model Parameter	Units	Default Value	New Value
Place Gravel	Material Imported	Ton of Debris	—	8,100.00
Place Gravel	Material Exported	Ton of Debris	—	0.00000
Place Gravel	Total Acres Graded	acres	7.50000	4.00000
Remove Rail Spurs - Backfill	Material Imported	Cubic Yards	—	6,000.00
Remove Rail Spurs - Backfill	Material Exported	Cubic Yards	—	0.00000
Remove Rail Spurs - Backfill	Total Acres Graded	acres	0.00000	0.44000

8.4.6 Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Soil Management Plan Implementation	Worker	One-Way Trips per Day	5.00000	8.00000
Removal of Portable Equipment	Worker	One-Way Trips per Day	0.00000	8.00000
Removal of Portable Equipment	Hauling	One-Way Trips per Day	0.00000	8.00000
Removal of Portable Equipment	Hauling	Miles per Trip	20.0000	30.0000
Disposal/Recycling of Existing Waste Streams	Worker	One-Way Trips per Day	2.50000	8.00000
Disposal/Recycling of Existing Waste Streams	Hauling	Miles per Trip	20.0000	30.0000
Utility Disconnect and Safe-Off	Worker	One-Way Trips per Day	5.00000	4.00000
Grubbing/Landscaping Removal	Worker	One-Way Trips per Day	2.50000	8.00000
Pressure Wash/Clean Existing Surfaces	Worker	One-Way Trips per Day	2.50000	8.00000
Office Building Demolition (Footings & Foundation) & Haul Away	Worker	One-Way Trips per Day	2.50000	8.00000

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Office Building Demolition (Footings & Foundation) & Haul Away	Hauling	One-Way Trips per Day	45.5625	40.0000
Office Building Demolition (Footings & Foundation) & Haul Away	Hauling	Miles per Trip	20.0000	30.0000
Removal of Conveyor Hopper System	Worker	One-Way Trips per Day	2.50000	12.0000
Removal of Conveyor Hopper System	Hauling	One-Way Trips per Day	0.85714	0.00000
Truck Scale (4 Bay) Demolition	Worker	One-Way Trips per Day	2.50000	8.00000
Truck Scale (4 Bay) Demolition	Hauling	One-Way Trips per Day	87.3571	0.00000
Removal of pedestal crane (footings/ foundation)	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of pedestal crane (footings/ foundation)	Hauling	One-Way Trips per Day	0.66667	0.00000
Removal of American (Rail) Crane	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of Transformer Units	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of Existing Concrete and Asphalt Surfacing	Worker	One-Way Trips per Day	20.0000	8.00000
Removal of Existing Concrete and Asphalt Surfacing	Hauling	One-Way Trips per Day	353.054	60.0000
Removal of Existing Concrete and Asphalt Surfacing	Hauling	Miles per Trip	20.0000	30.0000
Backfill and Compaction (Multiple Areas)	Worker	One-Way Trips per Day	2.50000	8.00000
Lot Regrading/Rough Grade/ Mitigation of Soil Impacts	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of Sumps/Drain Lines/ Utilities	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of Floodlights	Worker	One-Way Trips per Day	2.50000	12.0000
Removal of AST (1M Gallon) Tank	Worker	One-Way Trips per Day	2.50000	4.00000
Removal of AST (1M Gallon) Tank	Hauling	One-Way Trips per Day	6.07143	0.00000
Removal of Pump Station	Worker	One-Way Trips per Day	5.00000	8.00000
Removal of Pump Station	Hauling	One-Way Trips per Day	3.28571	28.0000

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Removal of Pump Station	Hauling	Miles per Trip	20.0000	30.0000
Removal of Site Boundary Wall and Footings	Worker	One-Way Trips per Day	2.50000	8.00000
Removal of Site Boundary Wall and Footings	Hauling	One-Way Trips per Day	2.64286	0.00000
Fugitive Dust Air Monitoring Network and Reporting	Worker	One-Way Trips per Day	2.50000	2.00000
Remove Rail Spurs - Demolition	Worker	One-Way Trips per Day	7.50000	8.00000
Remove Rail Spurs - Demolition	Hauling	One-Way Trips per Day	261.750	200.000
Remove Rail Spurs - Demolition	Hauling	Miles per Trip	20.0000	30.0000
Place Gravel	Worker	One-Way Trips per Day	10.00000	16.0000
Place Gravel	Hauling	One-Way Trips per Day	53.4000	54.0000
Place Gravel	Hauling	Miles per Trip	20.0000	39.0000
Remove Rail Spurs - Backfill	Worker	One-Way Trips per Day	10.00000	4.00000
Remove Rail Spurs - Backfill	Hauling	One-Way Trips per Day	187.500	250.000
Remove Rail Spurs - Backfill	Hauling	Miles per Trip	20.0000	39.0000
Install Perimeter Fence	Worker	One-Way Trips per Day	0.00000	12.0000
Install Perimeter Fence	Hauling	One-Way Trips per Day	0.00000	1.000000

FUEL CALCULATIONS

Table 1. CO₂ Emissions and Fuel Usage Factors for Vehicles - POLB SA Recycling Project

Vehicle/Fuel Type	kg CO₂ / Gallon Fuel ⁽¹⁾	Gallon Fuel/MT CO₂ ⁽²⁾
All Construction Equipment - Diesel	10.21	97.94319
All Trucks - Diesel	10.21	97.94319
Worker Commuter Vehicles - Gasoline	8.78	113.89522

Note: (1) Source: The Climate Registry, 2024. 2024 Default Emission Factors - Table 2.1 - US Default Factors for Calculating CO₂ Emissions from Combustion of Transport Fuels.

(2) = (1,000 kg/MT)/(kg CO₂ / Gallon Fuel factor)

Table 2. Diesel Fuel Calculations for Proposed Activities - POLB SA Recycling Project

Activity/Equipment-Vehicle Type	Total CO₂ Emissions (Metric Tons)	Diesel Fuel Usage (Gallons) ⁽¹⁾
Soil Management Plan Implementation		
Off-Road Equipment	30.86	3,023
Removal of Portable Equipment		
Semi-Truck - Onsite	0.05	5
Semi-Truck - Offsite	2.50	245
Disposal/Recycling of Existing Waste Streams (define waste stream)		
Off-Road Equipment	11.55	1,131
Semi-Truck - Onsite	3.78	371
Semi-Truck - Offsite	205.29	20,107
Utility Disconnect and Safe-Off		
Off-Road Equipment	0.40	40
Fugitive Dust Air Monitoring Network and Reporting		
Off-Road Equipment	50.11	4,908
Grubbing/Landscaping Removal		
Off-Road Equipment	0.40	40
Pressure Wash/Clean Existing Surfaces		
Off-Road Equipment	0.45	44
Office Building Demolition (Footings & Foundation)		
Off-Road Equipment	13.89	1,360
Semi-Truck - Onsite	0.53	52
Semi-Truck - Offsite	28.56	2,798
Removal of Conveyor Hopper System		
Off-Road Equipment	5.22	512
Truck Scale (4 Bay) Demolition		
Off-Road Equipment	2.39	234
Removal of pedestal crane (footings/foundation)		
Off-Road Equipment	4.48	438
Removal of American Crane		
Off-Road Equipment	2.61	256
Removal of Transformer Units		
Off-Road Equipment	1.20	117
Removal of Existing Concrete and Asphalt Surfacing		

Activity/Equipment-Vehicle Type	Total CO₂ Emissions (Metric Tons)	Diesel Fuel Usage (Gallons) ⁽¹⁾
Off-Road Equipment	392.94	38,486
Semi-Truck - Onsite	2.76	271
Semi-Truck - Offsite	149.95	14,687
Backfill and Compaction (Multiple Areas)		
Off-Road Equipment	46.30	4,534
Lot Regrading/Rough Grade/Mitigation of Soil Impacts		
Off-Road Equipment	56.96	5,578
Removal of Sumps/Drain Lines/ Utilities		
Off-Road Equipment	19.97	1,956
Removal of Floodlights		
Off-Road Equipment	5.22	512
Removal of AST (1M Gallon) Tank		
Off-Road Equipment	12.15	1,190
Removal of Clarifier / Pump Station (7,225 cf)		
Off-Road Equipment	15.50	1,518
Semi-Truck - Onsite	0.32	32
Semi-Truck - Offsite	17.49	1,713
Removal of Site Boundary Wall and Footings (2,000 cf)		
Off-Road Equipment	7.03	689
Removal of Rail Spurs - Demolition		
Off-Road Equipment	2.78	272
Semi-Truck - Onsite	0.66	64
Semi-Truck - Offsite	215.65	21,121
Removal of Rail Spurs - Backfill		
Off-Road Equipment	3.92	384
Semi-Truck - Onsite	0.82	80
Semi-Truck - Offsite	57.74	5,655
Place Gravel		
Off-Road Equipment	21.85	2,140
Semi-Truck - Onsite	0.67	65
Semi-Truck - Offsite	46.77	4,581
Install Perimeter Fence		
Off-Road Equipment	7.52	737
Semi-Truck - Onsite	0.030	3
Semi-Truck - Offsite	0.55	54
Total Diesel Usage - Gallons		142,002
Year 2024 Diesel Sales in Los Angeles County ⁽²⁾		288,000,000
Project % of 2024 Los Angeles County Diesel Sales		0.049%

Note: (1) = CO₂ Emissions (MT) * Gallons Fuel/MT CO₂ factor in Table 1.

(2) = Source: CEC, 2025. California Annual Retail Fuel Outlet Report Results (CEC-A15). File 2010-2024_CEC-A15_Results_and_Analysis_ADA.xlsx. Available at: <https://www.energy.ca.gov/data-reports/energy-almanac/transportation-energy/california-retail-fuel-outlet-annual-reporting>.

Table 3. Gasoline Fuel Calculations for Proposed Activities - POLB SA Recycling Project

Activity/Equipment-Vehicle Type	CO₂ Emissions (Metric Tons)	Gasoline Fuel Usage (Gallons) ⁽¹⁾
Soil Management Plan Implementation		
Worker Commuter Vehicles	4.95	563
Removal of Portable Equipment		
Worker Commuter Vehicles	0.23	26
Disposal/Recycling of Existing Waste Streams (define waste stream)		
Worker Commuter Vehicles	0.74	85
Utility Disconnect and Safe-Off		
Worker Commuter Vehicles	0.03	4
Fugitive Dust Air Monitoring Network and Reporting		
Worker Commuter Vehicles	1.29	146
Grubbing/Landscaping Removal		
Worker Commuter Vehicles	0.13	15
Pressure Wash/Clean Existing Surfaces		
Worker Commuter Vehicles	0.06	7
Office Building Demolition (Footings & Foundation)		
Worker Commuter Vehicles	0.52	59
Removal of Conveyor Hopper System		
Worker Commuter Vehicles	0.68	77
Truck Scale (4 Bay) Demolition		
Worker Commuter Vehicles	0.45	52
Removal of pedestal crane (footings/foundation)		
Worker Commuter Vehicles	0.39	44
Removal of American Crane		
Worker Commuter Vehicles	0.23	26
Removal of Transformer Units		
Worker Commuter Vehicles	0.23	26
Removal of Existing Concrete and Asphalt Surfacing		
Worker Commuter Vehicles	1.81	206
Backfill and Compaction (Multiple Areas)		
Worker Commuter Vehicles	2.04	232
Lot Regrading/Rough Grade/Mitigation of Soil Impacts		
Worker Commuter Vehicles	2.04	232
Removal of Sumps/Drain Lines/ Utilities		
Worker Commuter Vehicles	0.74	85
Removal of Floodlights		
Worker Commuter Vehicles	0.68	77
Removal of AST (1M Gallon) Tank		
Worker Commuter Vehicles	0.23	26
Removal of Clarifier / Pump Station (7,225 cf)		
Worker Commuter Vehicles	0.45	52
Removal of Site Boundary Wall and Footings (2,000 cf)		
Worker Commuter Vehicles	0.45	52
Removal of Rail Spurs - Demolition		
Worker Commuter Vehicles	0.13	15
Removal of Rail Spurs - Backfill		

Activity/Equipment-Vehicle Type	CO₂ Emissions (Metric Tons)	Gasoline Fuel Usage (Gallons) ⁽¹⁾
Worker Commuter Vehicles	0.06	7
Place Gravel		
Worker Commuter Vehicles	0.97	110
Install Perimeter Fence		
Worker Commuter Vehicles	0.89	101
Total Gasoline Usage - Gallons		2,325
Year 2024 Gasoline Sales in Los Angeles County ⁽²⁾		2,987,000,000
Project % of 2024 Los Angeles County Gasoline Sales		0.000078%

Note: (1) = CO₂ Emissions (MT) * Gallons Fuel/MT CO₂ factor in Table 1.

(2) = Source: CEC, 2025. California Annual Retail Fuel Outlet Report Results (CEC-A15). File 2010-2024_CEC-A15_Results_and_Analysis_ADA.xlsx. Available at: <https://www.energy.ca.gov/data-reports/energy-almanac/transportation-energy/california-retail-fuel-outlet-annual-reporting>.

APPENDIX C

Cultural Resources Reconnaissance Study

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VIA EMAIL

May 21, 2026

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Leidos, Program Manager
1180 Eugenia Place
Carpinteria, CA 93013

RE: Cultural Resource Reconnaissance Study for the SA Recycling Demolition and Restoration Project at the Port of Long Beach, Los Angeles County, California

Dear Ms. Degner,

Under subcontract with Leidos, Applied EarthWorks, Inc. (Æ) completed a historic resource inventory of the Port of Long Beach (Port) SA Recycling LLC (SAR) facility at 482 Pier T Avenue in Long Beach, California. The facility is on an 18.5-acre section of Assessor's Parcel Number (APN) 7436-031-902 on Port of Long Beach Terminal Island. As part of the SA Recycling Demolition and Restoration Project (Project), in accordance with Lease HD-5095, SA Recycling is responsible for removing all improvements except the wharf, crane rail system, two railroad spurs, oil pipelines, former oil wells, and the main railroad line. The Project would demolish and/or remove existing improvements on the site, including the operations and administration building, parking lot, truck scales/weighing station, stockpile yard, loading areas, maintenance facilities, miscellaneous utilities, aboveground storage tank, stormwater conveyance system (i.e., pump station/clarifier, sumps, and aboveground piping), concrete, footings, floodlighting, boundary wall, and perimeter fencing. The existing wharf, crane rail system, two railroad spurs, oil pipelines, eight former oil and injection wells, and main railroad line would remain on site. Subsequent to demolition and restoration activities, the Port would install perimeter fencing around the Project site for security purposes. There are currently no proposed developments, operations, or new land uses for the Project site following the proposed removal of the improvements on the site and vacation of the premises by SAR.

To ensure compliance with the California Environmental Quality Act (CEQA), the Port of Long Beach has requested a study of the facility to ascertain whether any qualifying historical resources are present in the 18.5-acre SAR facility that necessitate formal evaluation of eligibility for inclusion in the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), or as a City of Long Beach Historic Landmark. In preparation for the study, Æ conducted limited archival research to adequately assess the area's development history. Æ participated in a site walk on February 11, 2026, and completed photo-documentation of the facility, paying special attention to those buildings and structures earmarked for demolition. Following the site visit, Æ assessed whether the facility meets the age requirements for evaluation, whether any historic-era resources are present within the study area, and whether they meet the threshold for historical significance.

Æ's research concludes that the SAR facility, including all components thereof, does not meet the age requirement of 45 years to be considered for inclusion in the NRHP, CRHR, or as a City of Long Beach Historic Landmark. Additionally, our research did not suggest that the facility has gained historical significance since its construction in the 1990s. Therefore, no further action is recommended for the



management of the facility or its components. Æ's methods and findings are presented in greater detail below.

ARCHIVAL RESEARCH

Prior to the February 11, 2026, site walk, Æ conducted archival research to identify areas in the SAR facility where potential historic-era buildings, structures, or objects were previously observed or might be present. Desktop and online library research focused on historical maps, aerial images, atlases, and photographs. Æ reviewed and compiled information from various sources including:

- Historic aerial photographs available from 1952, 1953, 1963, 1972, 1980, 1987, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2002, and 2003 accessed via HistoricAerials.com administered by NETROnline (historicaerials.com);
- U.S. Geological Survey topographic maps: Wilmington 1925 (1:24,000), Downey 1942 (1:62,500), Long Beach 1949, 1960 (1:250,000), 1972, 1964 (1:24,000), 1981 (1:100,000) (<https://ngmdb.usgs.gov/topoview/>);

RECORD SEARCH RESULTS

Æ's January 8, 2026, focused records search at the South Central Coastal Information Center of the California Historical Resources Information System did not indicate the presence of previously recorded resources within the Project area. There are two 1952 smokehouses in the immediate vicinity of the Project area recorded as P-19-190588. A total of 28 extant smokehouses throughout the Port of Long Beach, including those adjacent to the Project area, were evaluated in 2012 and found not eligible for NRHP, CRHR, or local listing (Chasteen 2012). The most notable resource that was previously recorded in the vicinity of the Project area, is the Hughes H-4 Hercules drydock hangar site (P-19-179133). The drydock hangar facility was demolished in 1980 when the aircraft commonly referred to as the Spruce Goose was relocated to the geodesic dome by the RMS *Queen Mary* (Robert 1977). In 1993, the aircraft was moved to the Evergreen Aviation & Space Museum in McMinnville, Oregon (Evergreen Aviation & Space Museum 2026). The former site of the drydock hangar is outside the Project area.

DEVELOPMENT OF THE PORT OF LONG BEACH

The Long Beach Water and Land Company bought a land option of 4,000 acres in 1882 from J. Bixby and Company, the owners of Rancho Los Cerritos and Rancho Los Alamitos, and began selling parcels for the new community. In 1884, Long Beach, named after the 6-mile stretch of beach, received its first wharf. During that same year, a general merchandise store with a post office and the Long Beach Hotel were constructed. Over the next 3 years, the growth in business attracted new residents, with the population reaching 800 in 1888. That same year, the City of Long Beach (City) voted to incorporate, only to reverse the decision in 1896 over liquor issues. As City services began to break down, the town voted to reincorporate in 1897, the same year that Congress approved the funding to build a breakwater in San Pedro Bay. The much-needed breakwater would not be completed until 1911.

During the construction of the breakwater, visions of a port on Long Beach surfaced in local newspapers. Funds appropriated in 1903 to deepen the harbor in Wilmington gained the interest of investors. Formed for the development of the harbor, the Long Beach Land and Navigation Company



purchased 800 acres west of Long Beach with the intent of creating a shipping canal from the Cerritos Slough. In 1906, the Los Angeles Dock and Terminal Company purchased this land at the mouth of the Los Angeles River and dredged out three channels for dockage. The new development led to the relocation of the Craig Shipbuilding Company, which brought new enthusiasm for the port project. In September 1909, the City of Long Beach passed a bond to purchase frontage on Channel No. 3 (Queenan 1986:67). This purchase and subsequent development made the City see the benefits of operating a port. As commercial development increased on the port, so grew the city. The population increased dramatically from 12,000 residents in 1905 to 40,000 in 1914 (Sanborn Map Company 1905, 1914).

Officially founded on June 24, 1911, with a grant of trust from the State of California over the tidelands, the Port of Long Beach received its first official cargo on Pier 1 from the S.S. *Iaqua*. Within the next year, passenger steamship service was established, and development projects continued to move forward (Queenan 1986:68). Several large industries moved into the port during the first 5 years after opening, including the Southern California Edison Company's Long Beach Steam Plant, the Western Hardwood Lumber Company yards, the Long Beach Salt Company plant, American Potash plant, and a large fish-canning plant. Other plants nearby include the California Woolen Manufacture Company, Star Drilling Machine Company, and the California Glass Insulator Company (Sanborn Map Company 1914). All of the commercial business increased ship activity at the new port, and the City undertook additional improvements.

Unfortunately, the Los Angeles Dock and Terminal Company had problems with sand and silt from the Los Angeles River that was continuously deposited into the port channels and restricted ship movement. Constant dredging of the channels was necessary, which consumed time and financial resources. As a result, in 1916, the City of Long Beach took over the dredging projects and acquired the deeds to the channels and nearby land from the bankrupted Dock and Terminal Company (Queenan 1986:79). In 1917, the Los Angeles County Flood Control District was created to construct a silt diversion channel that carried Los Angeles River floodwater filled with sand and silt into the ocean. Both efforts assisted the port in achieving "deep water" status in 1926.

With the discovery of oil at Signal Hill in 1921 (which became known as the Wilmington Oil Field), the City received a substantial increase in revenues that could be devoted to harbor improvements. In 1924, a \$5 million bond was approved to build a breakwater and fund other measures intended to protect the harbor. Four years later, another bond measure passed, providing money to construct additional piers, wharves, and facilities, including Piers A and B in the outer harbor, and to reconstruct the older Municipal Wharf. In addition to the pier project, the City built a municipal rail line that connected to both the Union Pacific Railroad and the Pacific Electric Railroad, improving the movement of cargo around the port (Port of Long Beach 1981:10). While these much-needed improvements resulted in unprecedented traffic, revenue at the port could not be sustained. The Great Depression would keep the port from realizing this traffic volume again until 1938.

In 1936, the General Petroleum Corporation discovered oil in Long Beach harbor. The Long Beach Harbor Department hired the Westgate-Greenland Oil Company to explore the harbor for oil. The first oil well, brought in on March 8, 1938, prompted the City to create a Petroleum Division, which contracted with the Long Beach Oil Development Company. Some 126 wells were operating within the tidelands in the next 5 years. Revenue generated from oil allowed the port to pursue several important



projects, including the construction of the first transit shed at Pier A; the hydraulic dredging of the inner harbor, creating a nine-block landmass south of Seaside Boulevard that would become the Terminal Island Naval Base; and construction of a Port of Long Beach Administration Building at the foot of Pier C in the then-popular Mission Style (Port of Long Beach 1981:10).

Development of the Project Area

The Project area is on Pier T within the Port of Long Beach, a man-made land mass formerly part of the Naval Operating Base Terminal Island that has been expanded and modified over time. In its earliest iteration, the artificial land mass was the result of the hydraulic dredging efforts in the area. In the decades before World War II, the U.S. Navy had built up its presence in Long Beach as it became home port for some of the Pacific Fleet's main strategic assets. In 1943, the Navy began operating a section of the naval installation as a dry dock facility, which would become known as the Long Beach Naval Shipyard (Naval Facilities Engineering Systems Command 2026). The shipyard included the west half of what is currently Pier T, then known as Pier Echo (Port of Long Beach 2005). The Project area is immediately east of the former shipyard.

The 1949 USGS Long Beach topographical map indicates that the Project area was a section of Pier Echo that was not yet filled in and was in use as part of the inner harbor. The earliest available aerial photograph that includes the Project area dates to 1953 and indicates that dredging activities continued on the southern tip of Pier T, expanding it to its current length. While the Project area is not yet filled in, the 1953 aerial photo shows that it has been dammed up and was no longer part of the inner harbor. Of note in the photograph is the former dry dock facility for the Hughes H-4 Hercules, or Spruce Goose, south of the Project area.

The next available aerial photograph from 1963 shows that the Project area is no longer flooded and is in the process of being developed. A concrete dock with three shallow piers that jut out into the inner harbor is now along the east side of the Project area. A 1972 aerial photograph shows multiple rows of stacked materials in the west half of the Project area, most likely for temporary storage. A 1987 aerial photograph shows that the former dry dock facility for the Hughes H-4 Hercules has been removed. From 1991 to 1994, no notable permanent structural changes were observed in the Project area. An aerial photograph from 1995 no longer shows the three shallow docking piers on the east side of the Project area. As a result of the Defense Base Closure and Realignment Act of 1990, the Long Beach Naval Shipyard west of the Project area ultimately closed in 1997 (Naval Facilities Engineering Systems Command 2026).

The extant irregularly shaped Operations Building is first visible in the southwest portion of the Project area in a 1996 aerial photograph. Available aerial photographs after 1996 show piles of recycled metals and structures and equipment related to recycling operations, including cranes.

SA Recycling LLC

SAR began operating in the Project area in 1998 when the Long Beach Naval Shipyard was transferred to the City of Long Beach through a Local Redevelopment Authority process, whereby the Port redeveloped the area into a marine container terminal. In 2000, Hanjin Shipping Co. of South Korea signed a 25-year, \$1 billion lease for the new Pier T terminal on Terminal Island. Pier T, or the first "mega-terminal" opened for operation in 2002. Since 2013, the SAR site has received ore mined in the



western United States via railroad at Pier T and loaded it onto bulk cargo ships that sail to ports in East Asia. The Project area is one of 75 U.S. facilities operated by SAR across eight states. The SAR operation in the Project area exceeded a total of 2.5 million tons of exported iron ore between October 2020 and June of 2022 (Port of Long Beach 2022, n.d.).

CONCLUSION

Æ performed a focused records search, a site walk, and desktop research to ascertain whether any historical resources are within the Project area, which is owned and operated by SAR in its entirety. The SAR facility and its components do not meet the age requirement of 45 years to be considered for inclusion in the NRHP, CRHR, or as a City of Long Beach Historic Landmark. Additionally, Æ research did not suggest that the facility has gained historical significance since its construction in the early 1990s. No other resources were identified in the Project area. For the purposes of CEQA, no historical resources were identified in the Project area. Therefore, no further action is recommended for the management of the facility or its components.

If you have any questions regarding this assessment, please do not hesitate to contact us by email at cvanonna@appliedearthworks.com or slynch@appliedearthworks.com. You can also reach out to M. Colleen Hamilton, Principal Architectural Historian, at mchamilton@appliedearthworks.com or by phone at 951-288-3068.

Best regards,

Carlos van Onna
Principal Architectural Historian
Applied EarthWorks, Inc.



REFERENCES

Chasteen, Carrie

- 2012 P-19-190588 (Port of Long Beach Smokehouses) DPR 523-series District and Primary Records. Parsons, Pasadena, California. On file, California Historical Resources Information System, South Coastal Information Center, San Diego State University.

Evergreen Aviation & Space Museum

- 2026 The Spruce Goose Lives On!, <https://www.evergreenmuseum.org/exhibit/the-spruce-goose/>, accessed March 30, 2026, Evergreen Aviation & Space Museum.

Naval Facilities Engineering Systems Command

- 2026 Former Long Beach Naval Complex, <https://www.bracpmo.navy.mil/BRAC-Bases/California/Former-Long-Beach-Naval-Complex/>. NAVFAC: Naval Facilities Engineering Systems Command, U.S. Navy.

Port of Long Beach

- 1981 Trials and Tribulations Shaped Port's Future. *Harbor Highlights* 4(4):4–14.
- 2005 *Chronological History by Pier: 1909–2002*. Long Beach, California.
- 2022 SA Recycling Hits Milestone in Iron Ore Exports, June 29, <https://polb.com/port-info/news-and-press/sa-recycling-hits-milestone-in-iron-ore-exports-06-29-2022/>, accessed March 11, 2026. Port of Long Beach.
- n.d. Port of Long Beach History Timeline: Important Events by Decade, <https://polb.com/port-info/timeline>, accessed March 11, 2026, Port of Long Beach.

Queenan, Charles F.

- 1986 *Long Beach and Los Angeles: A Tale of Two Ports*. Windsor Publications, Inc., Northridge, California.

Robert, Lois J.

- 1977 P-19-179133 (Howard Hughes Spruce Goose Hangar Site) DPR Historic Resources Inventory form. Chambers. On file, California Historical Resources Information System, South Coastal Information Center, San Diego State University.

Sanborn Map Company

- 1905 *Fire Insurance Map of Long Beach, Los Angeles County, California*. On file, Los Angeles Public Library.
- 1914 *Fire Insurance Map of Long Beach, Los Angeles County, California*. On file, Los Angeles Public Library.