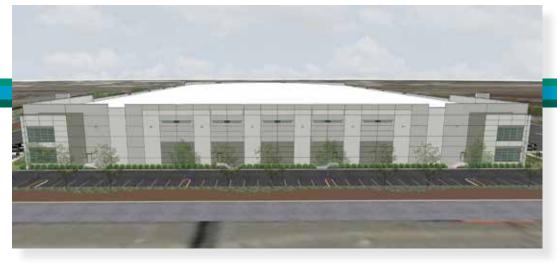
NORTHEAST GATEWAY CONSTRUCTION MANAGEMENT PLAN (AIR QUALITY ELEMENTS)









Initial Submittal: April 25, 2016

TABLE OF CONTENTS

| 1- Project Overview and General Information | 1 |
|---|-----|
| 2- Air Quality (SCA-AIR-2)2 | 2-5 |

List of Exhibits

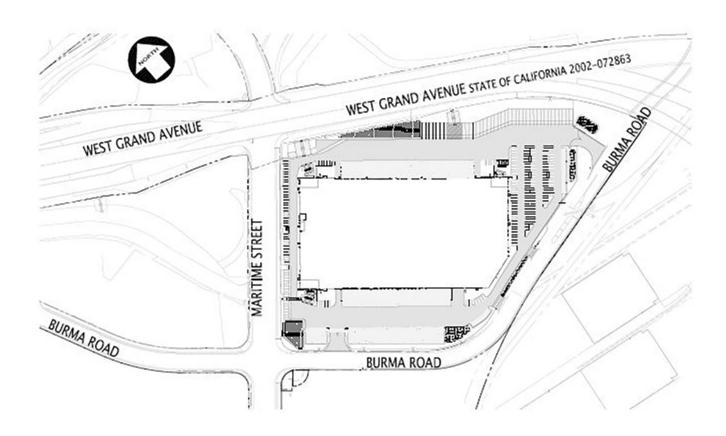
| A. Site Plan and Elevation |
|--------------------------------------|
| B. Erosion Control Plan |
| C. Project Schedule |
| D. Project Logistics Plan |
| E. Approved Traffic Control Plan-TBD |
| F. Approved Truck Haul Route |
| G. Signage: Speed Limit |
| H. Sigange: Dust Reporting, Noise |
| Complaints, and Construction Work |
| Hours |

| I. Log: Dust and Noise Complaints |
|-----------------------------------|
| J. Signage: Equipment Idle Time |
| Restrictions |
| K. Sample Public Notice |
| • |
| L. Project Truck Log |
| M. Daily Site Inspection Log |
| |





1. Project Overview and General Information



On the Northeast Gateway site Prologis will construct a new 256,000 sf warehouse on a site covering approximately 702,000sf bordered by Maritime Street, Burma Road and West Grand Ave. The project site improvements will include new underground utilities, landscaping, concrete and ac paving and bio-swales. The new warehouse building will include 55 truck docks, 78 trailer parking stalls, 171 auto parking stalls and two electric vehicle charging stations.



SCA-AIR-2 Construction Related Air Pollution Controls

Mitigation Implementation/Monitoring: Ongoing throughout demolition, grading and/or construction.

Requirements:

During Construction, the project applicant shall require the construction contractor to implement all of the following applicable measures recommended by the Bay Area Air Quality Management District (BAAQMD):

- a. Water all exposed surfaces of active construction areas at least twice daily (using reclaimed water if possible). Watering should be sufficient to prevent airborne dust from leaving the site. Increased watering frequency may be necessary whenever wind speeds exceed 15 miles per hour. Reclaimed water should be used whenever possible.
- b. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer).
- c. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
- d. Pave all roadways, driveways, sidewalks, etc. as soon as feasible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
- e. Enclose, cover, water twice daily or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.).
- f. Requirement: Limit vehicle speeds on unpaved roads to 15 miles per hour.
- g. Idling times on all diesel-fueled commercial vehicles over 10,000 lbs. shall be minimized either by shutting equipment off when not is use or reducing the maximum idling time to five minutes (as required by Title 13, Section 2485, of the California Code of Regulations. Clear signage to this effect shall be provided for construction workers at all access points.
- h. Idling times on all diesel-fueled off-road vehicles over 25 horsepower shall be shall be minimized either by shutting equipment off when not is use or reducing the maximum idling time to five minutes and fleet operators must develop a written idling policy (as required by Title 13, Section 2449 of the California Code of Regulations.)
- i. All construction equipment shall be maintained and properly tuned in accordance with the manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- j. Post a publicly visible sign that includes the contractor's name and telephone number to contact regarding dust complaints. When contacted, the contractor shall respond and take corrective action within 48 hours. The telephone numbers of contacts at the City and the BAAQMD shall also be visible. This information may be posted on other required on-site signage.
- k. All exposed surfaces shall be watered at a frequency adequate to maintain minimum soil moisture of 12 percent. Moisture content can be verified by lab samples or moisture probe.





- I. All excavation, grading, and demolition activities shall be suspended when average wind speeds exceed 20 mph.
- m. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
- n. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for one month or more).
- o. Designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holidays and weekend periods when work may not be in progress.
- p. Install appropriate wind breaks (e.g., trees, fences) on the windward side(s) of actively disturbed areas of the construction site to minimize wind blown dust. Wind breaks must have a maximum 50 percent air porosity.
- q. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established.
- r. The simultaneous occurrence of excavation, grading, and ground-disturbing construction activities on the same area at any one time shall be limited. Activities shall be phased to reduce the amount of disturbed surfaces at any one time.
- s. All trucks and equipment, including tires, shall be washed off prior to leaving the site.
- t. Site accesses to a distance of 100 feet from the paved road shall be treated with a 6 to 12 inch compacted layer of wood chips, mulch, or gravel.
- u. All equipment to be used on the construction site and subject to the requirements of Title 13, Section 2449 of the California Code of Regulations ("California Air Resources Board Off-Road Diesel Regulations") must meet Emissions and Performance Requirements one year in advance of any fleet deadlines. The project applicant shall provide written documentation that the fleet requirements have been met.
- v. Use low VOC (i.e., ROG) coatings beyond the local requirements (i.e., BAAQMD Regulation 8, Rule 3: Architectural Coatings).

Dust Control Mitigation Plan:

The Erosion Control Plan (Exhibit B) was submitted to the City as part of the 02/08/2016 Issue for Permit Drawings. In addition to the dust control measures included in The Erosion Control Plan the following items will be implemented to control dust -

a. Use water trucks to water exposed surfaces during construction activities at least twice daily or more frequently if winds exceed 15 mph. Suspend excavation, grading, and demolition activities when average wind speed exceeds 20 mph. Maintain minimum soil moisture of 12% as indicated by laboratory samples or a moisture meter. Use reclaimed water for dust mitigation whenever feasible.





- b. Cover truck loads with tarpaulins or keep loads 2 feet below the sideboard of the truck bed to eliminate wind contact with soil or other loaded materials.
- c. Require all operators tracking dirt/mud onto public roadways to have a wet power vacuum sweeper present daily during these activities and remove tracked dirt/mud at the end of each day or more frequently if needed.
- d. Install construction area entrances at all ingress and egress sites to ensure dirt is kept off of public roads. Construction area entrances will be built using fabric and 3x5 rock to facilitate tire soil removal prior to leaving the site (or as defined by the guidelines in the Best Management Practice Handbook). Ingress/egress sites will also provide dry brushing of loose soil from tires and fenders.
- e. As soon as practical and prior to rainy season, cover all access roads and/or permanent roads and building pads with aggregate or asphalt concrete to mitigate tracking of dirt and/or mud offsite.
- f. Cover all inactive soil material stockpiles with plastic sheeting or non-toxic soil binders. Water all active stockpiles to maintain 12% moisture.
- g. Install fencing with attached windscreen fabric on the windward side of the actively disturbed area of the construction site.
- h. Replant vegetation in disturbed areas as quickly as possible.
- i. Limit simultaneous occurrence of excavation, grading, and ground disturbance activities on the same area at any one time when feasible.
- j. Draft and implement a Project SWPPP. The onsite QSP (Randy Knaus) will monitor runoff before, during, and after rain events. Deficiencies will be logged and corrected immediately. Inactive construction areas will be properly addressed with BMPs to eliminate erosion. Required BMPs will be outlined in the SWPPP and enforced with reporting and inspection.
- k. Post signage and enforce 15 mph speed limit requirement for unpaved roads (Exhibit G).
- I. Post signage and enforce dust complaint reporting requirement (Exhibit H). Take corrective action to remedy complaints within no more than 48 hours after receiving the complaint.
- m. The Project Dust Compliance Manager (Randy Knaus) will monitor and facilitate the implementation of mitigation measures. The Contractor will maintain Daily Inspection Logs throughout the Project.

Emission Control Mitigation Plan:

To reduce emissions generated by equipment operating onsite the following protocols will be implemented –

- a. Use late model heavy-duty diesel-powered equipment at the Project Site to the extent that it is readily available in the San Francisco Bay Area. Use low-emission diesel fuel for all heavy-duty diesel-powered equipment.
- b. Utilize alternative fuel construction equipment (i.e., compressed natural gas, liquid petroleum gas, and





unleaded gasoline) to the extent that the equipment is readily available and cost effective in the San Francisco Bay Area.

- c. Rely on the electricity infrastructure surrounding the construction sites rather than electrical generators powered by internal combustion engines to the extent feasible.
- d. Keep all construction equipment properly tuned by a certified mechanic in accordance with the manufacturer's specifications. Operators will provide the Contractor with written documentation of equipment maintenance for all equipment to be used onsite.
- e. Enforce requirements of CCR Title 13, Section 2449 (CARB OffRoadDiesel Regulations) and Title 13, Section 2485 with reporting and/or inspection and enforce construction equipment maintenance requirements.
- f. The Project Compliance Manager (Randy Knaus) will to monitor and facilitate the implementation of mitigation measures. All contractors subject this provision will maintain Daily Inspection Logs throughout the Project.
- g. Post signage limiting truck and equipment idling time to five minutes or less. (Exhibit J)





Exhibit A- Site Plan and Elevation

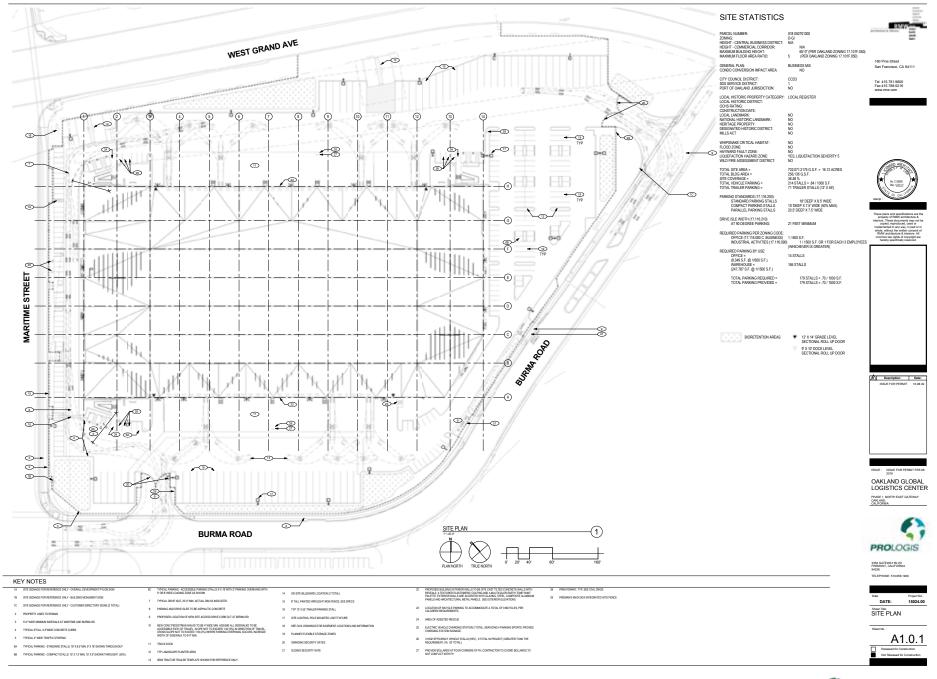






Exhibit A- Site Plan and Elevation

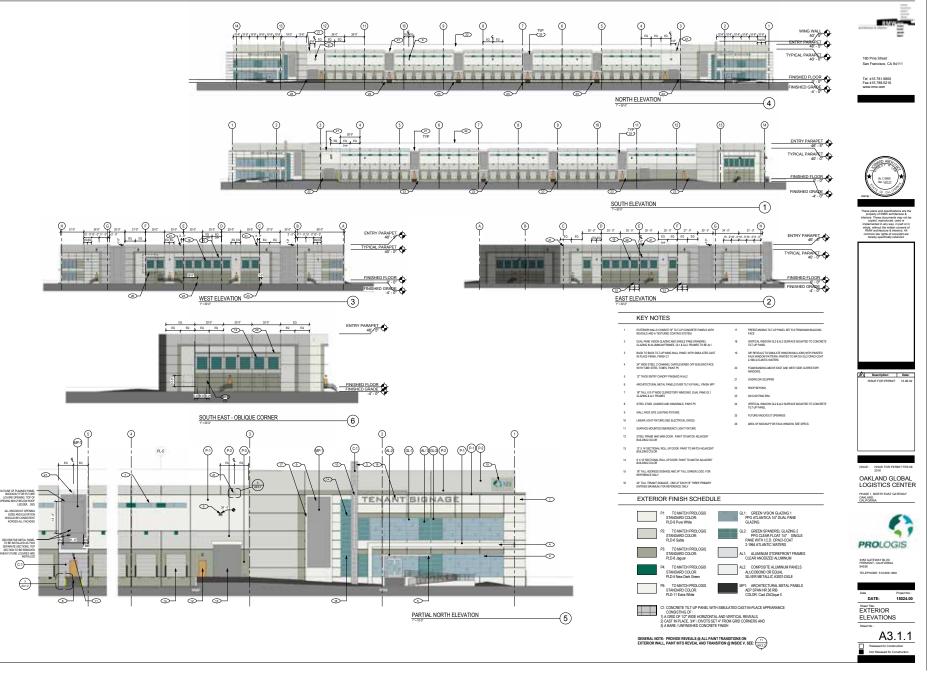
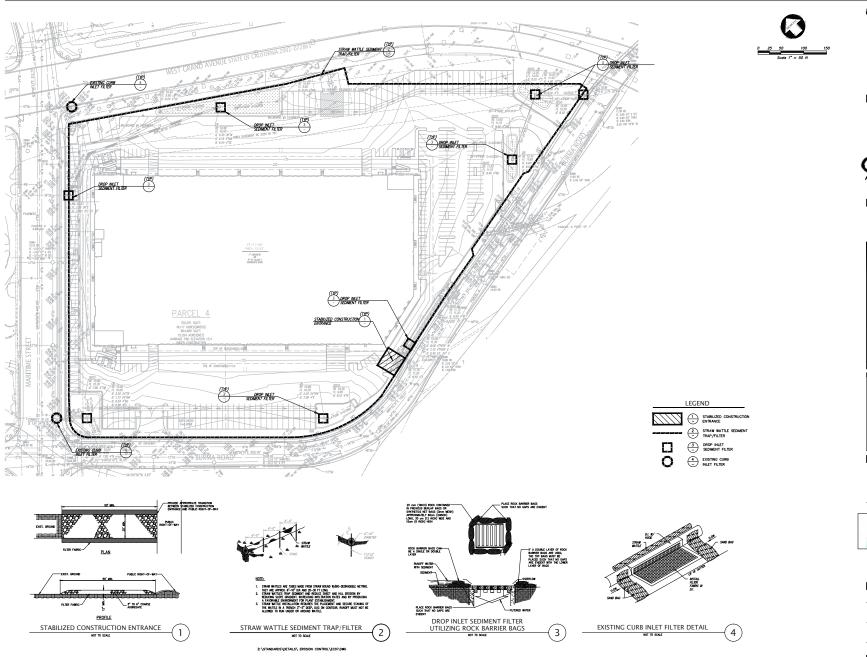






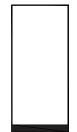
Exhibit B- Erosion Control Plan













OAKLAND GLOBAL
LOGISTICS CENTER



3353 GATEWAY BLVD FREMONT, CALIFORNIA 94538 TELEPHONE: 510.656.1900

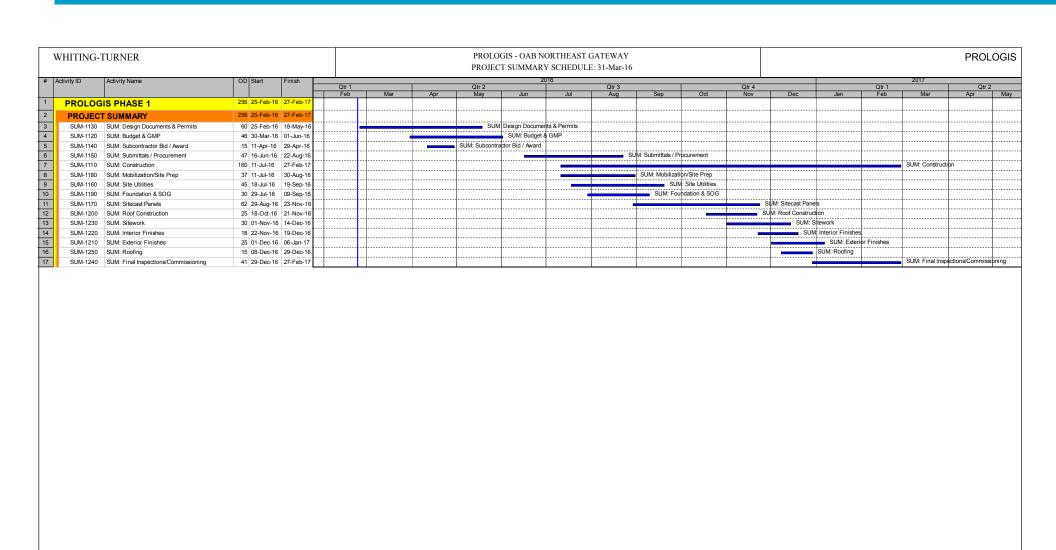
| Project No.: |
|--------------|
| A13533-1 |
| CONTRO |
| |
| |







Exhibit C- Project Schedule



Project ID: PROLOGIS-P1, Project Name: PROLOGIS PHASE 1

Data Date: 24-Feb-16

Page 1 of 1

Layout: WT Large Project Layout
Filter: TASK filter: Submittals.





Exhibit D- Project Logistics Plan

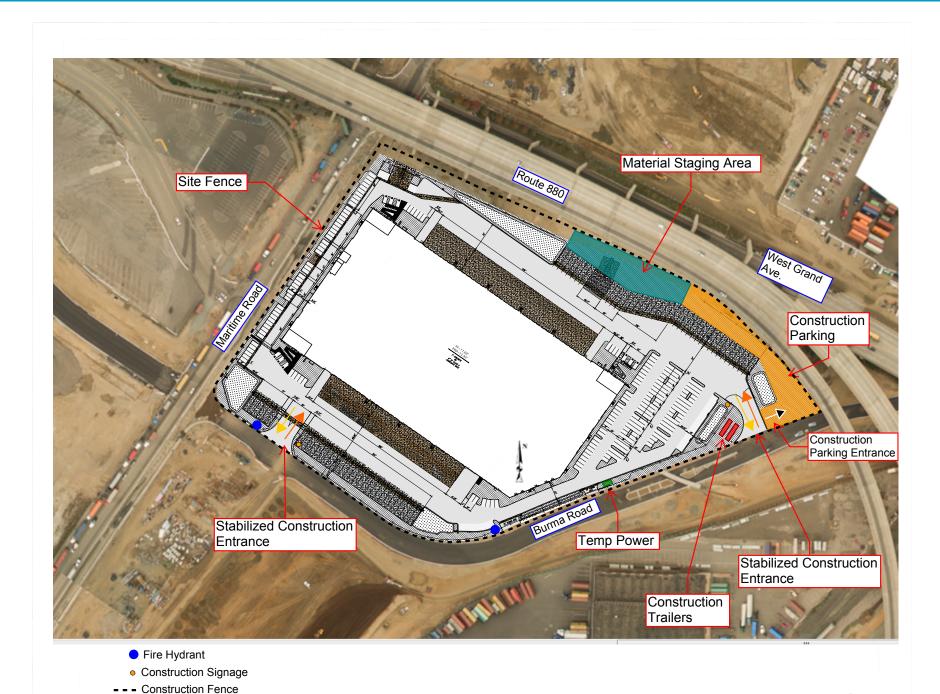






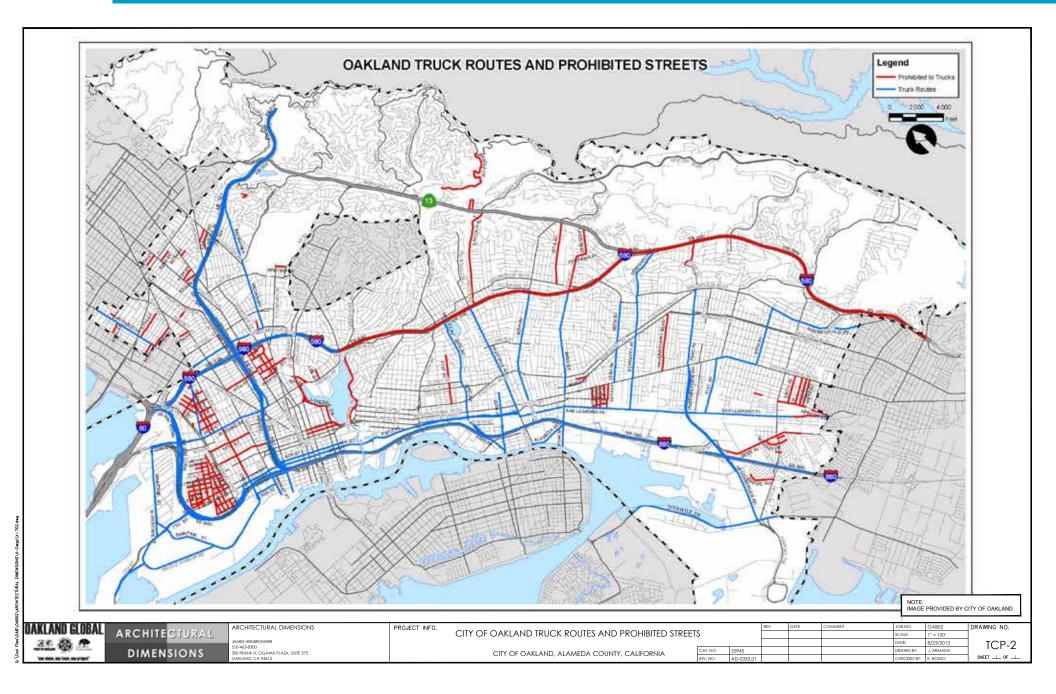
Exhibit E- Approved Traffic Control Plan

The Developer, its Contractor, or its consultant will prepare a Traffic Control Plan if encroachment into the public right-of-way is required. When required, a Traffic Control Plan will be submitted to EBMUD, the Port, and CalTrans for review and comment no less than 10 days prior to submittal to the City. Incorporate comments and revise plan as appropriate.





Exhibit F- Approved Truck Haul Route







SPEED LIMIT 15 MPH

ON UNPAVED ROADS





ATTENTION

PERMITTED CONSTRUCTION HOURS: Monday-Friday 7AM-7PM

There will be no work on site outside of permitted hours without written permission from City of Oakland.

FOR CONCERNS REGARDING DUST, CONSTRUCTION NOISE, EROSION OR ANY CONSTRUCTION ACTIVITY ON THIS PROJECT PLEASE CONTACT:

During Construction Hours – Randy Knaus (925)-271-6023 After Construction Hours – Steve Rodriguez (925-)-271-6590

CITY OF OAKLAND CODE COMPLIANCE: (510) 238-3381

OAKLAND POLICE DEPARTMENT 24 HR LINE: (510) 777-3333

BAY AREA AIR QUALITY MANAGEMENT DISTRICT: (800) 334-6367





Project Name: Prologis Northeast Gateway

Complaint Log

| Name and Address of Notifier | Telephone Number and/or Email | Date and Time of Call/Email | Nature of Complaint (Traffic/Noise/Dust/Etc.) |
|------------------------------|-------------------------------|--------------------------------|---|
| | Received By | Directed To | |
| | | | |
| | Received By | Directed To | |
| | | | |
| | Received By | Directed T | |
| | · · | | |





IDLING POLICY

IDLING TIMES ON ALL DIESEL-FUELED COMMERCIAL VEHICLES OVER 10,000 LBS AND DIESEL-FUELED OFF-ROAD VEHICLES OVER 25 HORSEPOWER SHALL BE MINIMIZED EITHER BY SHUTTING EQUIPMENT OFF WHEN NOT IN USE OR REDUCING THE MAXIMUM IDLING TIME TO FIVE MINUTES.

(CCR TITLE 13, SECTION 2485 & 2449)

VIOLATIONS SUBJECT TO MINIMUM FINE OF \$300.





G.W.C. WHITING (1883-1974)

FOUNDED 1909

WILLARD HACKERMAN

THE WHITING-TURNER CONTRACTING COMPANY

(INCORPORATED)

ENGINEERS AND CONTRACTORS

CONSTRUCTION MANAGEMENT
GENERAL CONTRACTING
DESIGN-BUILD
SPECIALTY CONTRACTING
OFFICE/HEADQUARTERS
RETAIL/SHOPPING CENTERS
HEALTHCARE
BIOTECH/PHARMACEUTICAL
HIGH TECH/CLEANROOM

WRITER'S DIRECT NUMBER IS 925-271-6606

4690 CHABOT DRIVE, SUITE 120 PLEASANTON, CALIFORNIA 94588 925-485-0800 FAX 925-485-0854 www.whiting-turner.com INSTITUTIONAL
DATA CENTERS
SPORTS AND ENTERTAINMENT
INDUSTRIAL
WAREHOUSE/DISTRIBUTION
MULTI-FAMILY RESIDENTIAL
ENVIRONMENTAL
BRIDGES. CONCRETE

Dear Neighbors,

I am writing to inform you of the upcoming work at the Prologis Northeast Gateway project located in the City of Oakland. The project site is located on the cross streets of Maritime and Burma Road.

Commencement of construction work is scheduled to begin on or around 7/15/2016. Your property address is within a 300' radius of the project site and this letter is providing notice that construction activities involved with construction may exceed the 90dBA level for a period of 10 working days between 7/28/2016 and 8/11/16.

Any construction work over 90dBA is considered an extreme noise generating activity. The City of Oakland requires all property owners within 300° of the project to be notified 30 days prior to any extreme noise activities taking place. Any work over 90dBA will be performed between the hours of 8:00 a.m. and 4:00 p.m. Monday thru Friday. Construction work that may exceed 90dBA will include:

- 1. The installation and erection of concrete panels.
- 2. Removal of construction debris into trucks via excavators and front loader equipment.
- 3. Construction equipment including, but not limited to, excavators, loaders, mobile crane, and dump trucks.

Whiting-Turner looks forward to working closely with our new neighbors and would like to create a solid relationship with them. If a complaint shall arise, please contact the undersigned below, and all complaints received will be noted in a Complaint Log. The log will include at a minimum the following information: The date of complaint, contact information for all complainant(s), reason for complaint, action taken, and resolution notes. Corrective measures will be immediately taken to address any and all complaints, should they occur. Copies of the Complaint Log will be submitted to Inspections Services monthly and, if so desired, upon request. These noise complaint procedures will be posted along the perimeter of the construction site prior to the commencement of construction. Should you have any noise complaints during construction please follow these procedures.

Most of the extreme noise generating activities will take place during the excavation work during the early stages of the project. We will send additional notices as required for additional upcoming work. If you would like to receive email notifications in lieu of or in addition to a hard copy please provide your email address to Steve.Rodriguez@whiting-turner.com.

Additional project information may be requested should you have any questions by contacting the undersigned.

Sincerely,

Steve Rodriguez Whiting-Turner Contracting Company 925-271-6590 Steve.Rodriguez@whiting-turner.com





Exhibit K- Sample Public Notice

G.W.C. WHITING (1883-1974)

FOUNDED 1909

WILLARD HACKERMAN PRESIDENT AND CEO

THE WHITING-TURNER CONTRACTING COMPANY

(INCORPORATED)

ENGINEERS AND CONTRACTORS

CONSTRUCTION MANAGEMENT
GENERAL CONTRACTING
DESIGN-BUILD
SPECIALTY CONTRACTING
OFFICE/HEADQUARTERS
RETAIL/SHOPPING CENTERS
HEALTHCARE
BIOTECH/PHARMACEUTICAL
HIGH TECH/CLEANROOM

WRITER'S DIRECT NUMBER IS 925-271-6606

4690 CHABOT DRIVE, SUITE 120 PLEASANTON, CALIFORNIA 94588 925-485-0800 FAX 925-485-0854 www.whiting-turner.com INSTITUTIONAL
DATA CENTERS
SPORTS AND ENTERTAINMENT
INDUSTRIAL
WAREHOUSE/DISTRIBUTION
MULTI-FAMILY RESIDENTIAL
ENVIRONMENTAL
BRIDGES, CONCRETE

Dear Neighbors,

Due to safety reasons, pedestrian traffic will be periodically shut down on Maritime Street between Tuesday 9/15/2016 and Friday 10/16/2016 while demolition and excavation activities are in progress. Pedestrian barricades will be set in place to re-route all pedestrian traffic to the detour per the approved Traffic Control Plan. Please reference the included closure plan exhibit from our Traffic Control Plan that shows the areas that will be closed. The shutdown dates will be posted on our website within 2 days prior to shut down.

If you should have any problems or questions we encourage you to call or stop by our construction trailer located on site.

Additional project information may be requested should you have any questions using the contact below.

Sincerely, Steve Rodriguez Whiting -Turner Contracting Company 925-271-6590 Steve.Rodriguez@whiting-turner.com





| Project: Prologis Northeast Gateway | |
|-------------------------------------|--|
| Date: | |

Truck Information Form

| Time In | Time Out | Vehicle Type | License Plate Number | Trucker's Name | Driver's Name | Material | Documentation ¹ | Destination | Quantity |
|---------|----------|--------------|-------------------------|----------------|---------------|----------|----------------------------|-------------|----------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Documentation carried by the driver will include:

- · Bills of lading or non-hazardous or hazardous waste manifests;
- · Proof of insurance, valid registration, and current driver's license;
- · Material profile information (reflecting chemical analysis results);
- · Material weight records; and
- · Complete copy of the Traffic Control Plan.





Project Name: Prologis Northeast Gateway

Construction Site Condition Log

| Location: | Decription of Damage: | Date: | Inspected |
|-----------|-----------------------|-------|-----------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

