Independent Third Party Dust Inspection Checklist

Inspector Name & Company: Steve Austin, Albion Partners

Weather: Overcast, 62 F, SSE14

Date/Time: 10/24/16, 0852

BAAQMD Spare the Air day?
☐ Yes  ☒ No

Project Name and Location: Candlestick Point – CP-01

1. **Equipment and Activity Description** Provide a description of equipment currently onsite and observed work activities. Use attached map to show locations of activities and to provide descriptions.

   **A. Equipment**

   Anvil/Ghilotti – Active: mini excavator with demo tip, skip loader, bobcat. Inactive: 2 mini excavators, 2 excavators, compactor.

   Nibbi – Mini excavator, front end loader, water truck

   **B. Activity Description**

   See map

2. **Observations**

   **A. Describe whether dust is being generated and whether it is crossing the project boundary.**
     If dust is present, describe contractor response and timing of response. Note location and activity at issue.

     No dust observed onsite or crossing the property boundary at the time of inspection.

   **B. Describe conditions of paved roads both within the work area and at/adjacent to construction site exits.** Note whether trackout is present and contractor response.

     Gilman St. exit not in use. Internal site roads are wet. Carroll St exit wet and no trackout observed. Observed trackout from the Nibbi entrance/exit on to Gilman St.

   **C. Describe observed mitigation measures in use** (hoses, water trucks, street sweeper, hand sweeping, road wetting, exit protection including stabilized entrance/exit, wheel wash, etc.).

     At work sites on Egbert and Fitzgerald Streets hoses were being utilized for dust control

   **D. Describe material handling activities and associated mitigation measures in use** (drop heights minimized, vehicles tarped, proper loading, driving speeds, offsite transport occurring, water added to material processing areas, water placed on internal haul routes, etc.).

     Anvil excavator witnessed minimizing drop heights at work area on Arelious Walker St. near Gilman St. exit.
E. Describe stockpile control measures, temporary and final stabilization of inactive or completed areas. Note location and type of stockpile control and/or stabilization methods.

Small stockpiles on by Egbert and G are wet by water truck. Nibbi stockpiles observed to be wet.

3. Monitor Information Provide monitor number, current reading and time.

CP01-1 = 8.0 @ 0855  
CP01-2 = 12.7 @ 0927  
CP01-3 = 11.0 @ 0858  
CP01-4 = 19.1 @ 0933 
All monitors on.

4. Communications
A. Provide details of communication with construction managers, site superintendents and/or regulatory agency personnel. Include name(s) and time(s) of discussion. Include recommendations here for enhanced mitigation measures and/or contractor timeline to rectify a current issue.

0902 – Spoke to Joseph on City of SF streetweeper. Recommended that they use water when sweeping after observing a large cloud of dust while the sweeper was sweeping.
0923 – Spoke with Kile of Nibbi regarding soil being transferred from Egbert trenching to south side of Arctious walker. He informed me that the soil would eventually be transferred to Ox Mountain.

B. Have any complaints been received via the Lennar Hotline? If so, provide response.

No complaints reported.

5. Offsite observations/activities. Provide location and time along with the description.

Ruiz Construction mobilized south of Ingalls St. on Carroll St.
PG&E on several corners of Ingalls St. performing demo.

6. Comments

NA
Independent Third Party Dust Inspection Checklist

Inspector Name & Company: Charles Rome, Albion Partners
Date/Time: 10/25/16, 1328
Weather: Overcast with intermittent rain, 67 F, 5 - 7 N
BAAQMD Spare the Air day? □ Yes □ No
Project Name and Location: Candlestick Point – CP-01

1. Equipment and Activity Description Provide a description of equipment currently onsite and observed work activities. Use attached map to show locations of activities and to provide descriptions.
   A. Equipment
       Anvil/Ghilotti – Active: mini excavator, bobcat. Inactive: mini excavator, excavator, sheeps foot compactor, roller compactor, skip loader, bobcat, water buffalo.

   B. Activity Description
       See map

2. Observations
   A. Describe whether dust is being generated and whether it is crossing the project boundary.
      If dust is present, describe contractor response and timing of response. Note location and activity at issue.

      No dust observed onsite or crossing the property boundary at the time of inspection.

   B. Describe conditions of paved roads both within the work area and at/adjacent to construction site exits. Note whether trackout is present and contractor response.

      Unpaved roads within the site are being kept wet by rain. Paved roads in the site are clean with hand sweeping and shoveling by active work. No trackout onto Carroll observed from the site exit. Arelius exit not in use.

   C. Describe observed mitigation measures in use (hoses, water trucks, street sweeper, hand sweeping, road wetting, exit protection including stabilized entrance/exit, wheel wash, etc.).

      Stabilized exit with wheel wash onto Carroll. Rumble strips present at the exit from Arelius Walker to Nibbi parking lot although water barriers are blocking exit. Site soil wet from recent rain.

   D. Describe material handling activities and associated mitigation measures in use (drop heights minimized, vehicles tarped, proper loading, driving speeds, offsite transport occurring, water added to material processing areas, water placed on internal haul routes, etc.).

      Mini excavator minimizing drop heights on Arelius Walker when placing soil.
E. Describe stockpile control measures, temporary and final stabilization of inactive or completed areas. Note location and type of stockpile control and/or stabilization methods.

Small stockpiles on by Egbert and G are wet by rain. Nibbi stockpiles observed to be wet.

3. Monitor Information Provide monitor number, current reading and time.

   CP01-1 = 7.4 @ 1353
   CP01-2 = 5.2 @ 1406
   CP01-3 = 11.4 @ 1324
   CP01-4 = 20.4 @ 1413
   All monitors on.

4. Communications
   A. Provide details of communication with construction managers, site superintendents and/or regulatory agency personnel. Include name(s) and time(s) of discussion. Include recommendations here for enhanced mitigation measures and/or contractor timeline to rectify a current issue.

      No superintendents on site.

   B. Have any complaints been received via the Lennar Hotline? If so, provide response.

      No complaints reported.

5. Offsite observations/activities. Provide location and time along with the description.

   Nibbi is doing vertical construction and trenching by their sub Kingdom Pipelines on Fitzgerald by adjacent to building. EBI trenching for Nibbi on G between Egbert and Donner.
   Ruiz Construction working on Carroll at Ingalls.
   Trackout on Carroll from Carroll businesses (Peninsula Debris Box and Bay Area Concrete Recycling). Peninsula Debris Box has a person actively scraping the road.

6. Comments

   NA
Independent Third Party Dust Inspection Checklist

Inspector Name & Company: Steve Austin, Albion Partners
Date/Time: 10/26/16, 1050
Weather: Clear, 63F, ESE 5
BAAQMD Spare the Air day? □ Yes X No
Project Name and Location: Candlestick Point – CP-01

1. Equipment and Activity Description Provide a description of equipment currently onsite and observed work activities. Use attached map to show locations of activities and to provide descriptions.

   A. Equipment

   Anvil/Ghilotti – Active: Excavator, bobcat, dump truck, front end loader. Inactive: 2 mini excavator, 2 excavator, compactor, roller compactor.
   Nibbi – Mini excavator, gradall, mini excavator, front end loader, dump truck, water truck.
   Kingdom Pipelines – 2 Mini excavators, bobcat

   B. Activity Description

   See map

2. Observations

   A. Describe whether dust is being generated and whether it is crossing the project boundary. If dust is present, describe contractor response and timing of response. Note location and activity at issue.

   No dust observed onsite or crossing the property boundary at the time of inspection.

   B. Describe conditions of paved roads both within the work area and at/adjacent to construction site exits. Note whether trackout is present and contractor response.

   Gilman St. exit not in use. Internal site roads are wet. Carroll St exit wet and no trackout observed from exit onto Carroll St.

   C. Describe observed mitigation measures in use (hoses, water trucks, street sweeper, hand sweeping, road wetting, exit protection including stabilized entrance/exit, wheel wash, etc.).

   Water truck spraying site roads around soil. Wheel wash setup at Carroll Street exit. At work sites on Egbert and Fitzgerald Streets hoses were being utilized for dust control. Wood cutting area on G st adjacent to CP01-4 monitor. Wood cutting set up has a shop vac attached to the saw to minimize sawdust. Pipe cutting witnessed on G St adjacent to CP01-4 monitor.

   D. Describe material handling activities and associated mitigation measures in use (drop heights minimized, vehicles tarped, proper loading, driving speeds, offsite transport occurring, water added to material processing areas, water placed on internal haul routes, etc.).
Anvil excavator witnessed minimizing drop heights at work area on Arelius Walker St. near Gilman St. exit. Kingdom pipelines excavator witnessed minimizing drop heights on Fitzgerald St. work site. Hose on site and being used to wet work area and excavated soil.

E. Describe stockpile control measures, temporary and final stabilization of inactive or completed areas. Note location and type of stockpile control and/or stabilization methods.

Small stockpiles on by Eggert and G are wet by water truck. Nibbi/Kingdom Pipelines stockpiles observed to be wet and also tarps are present and stabilized on Arelius Walker St.

3. Monitor Information Provide monitor number, current reading and time.

CP01-1 = 0.3 @ 1106
CP01-2 = 6.2 @ 1135
CP01-3 = Monitor not functioning. Terracon notified.
CP01-4 = 22.8 @ 1118
All monitors on except as noted.

4. Communications
A. Provide details of communication with construction managers, site superintendents and/or regulatory agency personnel. Include name(s) and time(s) of discussion. Include recommendations here for enhanced mitigation measures and/or contractor timeline to rectify a current issue.

1130 – Spoke with Kile of Nibbi regarding excavation on G St. and where the soil was being placed. He informed me it was being relocated to the south side of Arelius Walker temporarily until excavation work is completed. It will be used as backfill for work sites or transported offsite.

B. Have any complaints been received via the Lennar Hotline? If so, provide response.

No complaints reported.

5. Offsite observations/activities. Provide location and time along with the description.

Ruiz Construction working south of Ingalls St. on Carroll St.
PG&E on several corners of Ingalls St. performing demo and paving.
Heavy track out present on Carroll St. from concrete recycling plant.

6. Comments

NA
Independent Third Party Dust Inspection Checklist

Inspector Name & Company: Charles Rome, Albion Partners
Date/Time: 10/27/16, 1145

Weather: Overcast with intermittent rain, 64 F, calm

BAAQMD Spare the Air day? □ Yes X No

Project Name and Location: Candlestick Point – CP-01

1. Equipment and Activity Description

Provide a description of equipment currently onsite and observed work activities. Use attached map to show locations of activities and to provide descriptions.

A. Equipment

Anvil/Ghilotti – Active: Excavator, front end loader, bobcat. Inactive: mini excavator, sheeps foot compactor, roller compactor, skip loader, bobcat, water buffalo, gradall.

B. Activity Description

See map

2. Observations

A. Describe whether dust is being generated and whether it is crossing the project boundary.

If dust is present, describe contractor response and timing of response. Note location and activity at issue.

No dust observed onsite or crossing the property boundary at the time of inspection.

B. Describe conditions of paved roads both within the work area and at/adjacent to construction site exits.

Note whether trackout is present and contractor response.

Unpaved roads within the site are being kept wet by rain. Paved roads in the site are clean with a push sweeper running. No trackout onto Carroll observed from the site exit. Arelious exit not in use.

C. Describe observed mitigation measures in use (hoses, water trucks, street sweeper, hand sweeping, road wetting, exit protection including stabilized entrance/exit, wheel wash, etc.).

Stabilized exit with wheel wash onto Carroll. Rumble strips present at the exit from Arelious Walker to Nibbi parking lot although water barriers are blocking exit. Site soil wet from recent rain.

D. Describe material handling activities and associated mitigation measures in use (drop heights minimized, vehicles tarped, proper loading, driving speeds, offsite transport occurring, water added to material processing areas, water placed on internal haul routes, etc.).

Bobcat minimizing drop height when placing backfill material.
E. Describe stockpile control measures, temporary and final stabilization of inactive or completed areas.  Note location and type of stockpile control and/or stabilization methods.

Small stockpiles on by Egbert and G are wet by rain. Nibbi stockpiles observed to be wet or covered with plastic.

3. Monitor Information  Provide monitor number, current reading and time.

CP01-1 = 8.3 @ 1218
CP01-2 = 10.1 @ 1211
CP01-3 = 7.6 @ 1149
CP01-4 = 24.2 @ 1204
All monitors on.

4. Communications

A. Provide details of communication with construction managers, site superintendents and/or regulatory agency personnel. Include name(s) and time(s) of discussion. Include recommendations here for enhanced mitigation measures and/or contractor timeline to rectify a current issue.

1155 – Jordan (Anvil) – He told me all Anvil stockpiles were hauled to CP0234. Currently he is backfilling at the south end of Fitzgerald and cleaning site.

B. Have any complaints been received via the Lennar Hotline? If so, provide response.

No complaints reported.

5. Offsite observations/activities. Provide location and time along with the description.

Nibbi is doing vertical construction and trenching on G between Egbert and Donner. Ruiz Construction working on Carroll at Ingalls. Trackout on Carroll from Carroll businesses (Peninsula Debris Box and Bay Area Concrete Recycling).

6. Comments

NA
Independent Third Party Dust Inspection Checklist

Inspector Name & Company: Ryan Fay, Albion Partners

Date/Time: 10/28/16, 1055

Weather: Rain, 65F, 5-10 NW, 1 – 3 NW

BAAQMD Spare the Air day?
☐ Yes  ☒ No

Project Name and Location: Candlestick Point – CP-01

1. **Equipment and Activity Description** Provide a description of equipment currently onsite and observed work activities. Use attached map to show locations of activities and to provide descriptions.

   A. **Equipment**

      Anvil: skip loader, skid steer active

   B. **Activity Description**

      See map

2. **Observations**

   A. **Describe whether dust is being generated and whether it is crossing the project boundary.**

      If dust is present, describe contractor response and timing of response. Note location and activity at issue.

      No dust observed onsite or crossing the property boundary at the time of inspection.

   B. **Describe conditions of paved roads both within the work area and at/adjacent to construction site exits.** Note whether trackout is present and contractor response.

      No trackout observed on Carroll from the site exit. Arelious exit not in use.

   C. **Describe observed mitigation measures in use** (hoses, water trucks, street sweeper, hand sweeping, road wetting, exit protection including stabilized entrance/exit, wheel wash, etc.).

      Site wet from rain. Stabilized exit with wheel wash set up on Carroll.

   D. **Describe material handling activities and associated mitigation measures in use** (drop heights minimized, vehicles tarped, proper loading, driving speeds, offsite transport occurring, water added to material processing areas, water placed on internal haul routes, etc.).

      Drop heights minimized when backfilling at Arelious and Gilman.

   E. **Describe stockpile control measures, temporary and final stabilization of inactive or completed areas.** Note location and type of stockpile control and/or stabilization methods.

      Stockpiles are covered with plastic or wet from rain.
3. **Monitor Information** Provide monitor number, current reading and time.

   CP01-1 = 8.0 @ 1119
   CP01-2 = 6.0 @ 1059
   CP01-3 = 3.7 @ 1117
   CP01-4 = could not access due to lock.
   All monitors on.

4. **Communications**
   
   **A. Provide details of communication with construction managers, site superintendents and/or regulatory agency personnel.** Include name(s) and time(s) of discussion. Include recommendations here for enhanced mitigation measures and/or contractor timeline to rectify a current issue.

   1102 – Felipe (Anvil) – he says Anvil’s earth disturbing activities on Egbert would be completed for the short term until Ghilotti installs the sidewalk.

   **B. Have any complaints been received via the Lennar Hotline?** If so, provide response.

   No complaints reported.

5. **Offsite observations/activities.** Provide location and time along with the description.

   Trackout on Carroll from the various businesses on Carroll.

6. **Comments**

   NA
Albion Partners
410 China Basin Street
San Francisco, CA 94158

Date: 10/28/16

Site Activities
Sub-Phase CP-01
Candlestick Point Redevelopment Project Area
San Francisco, California

Figure 1

- Arroyo forming removal
- Arroyo planter box drain install & backfill