U.S. EPA Construction Inspection Training Course

Module 5: 2022 Construction General Permit (CGP) Site Inspections

Site 1, Part 2

This document is a text-based version of Module 5: Site 1, Part 2 of the EPA Construction Inspection Training Course. It is intended to be used in conjunction with the other modules in the EPA Construction Inspection Training Course.

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1. Screen 1

1.1. Visual Element

1.2. Narration

Welcome to Module 5: Conducting Construction General Permit Site Inspections—Site 1, Part 2. When you are ready, select the Start Training button to begin the second half of the Site 1 virtual inspection.

2. Site 1, Area 19

2.1. Starting View

Figure 2-1. Starting view for Site 1, Area 19.

2.2. Opening Narration

We are now approaching the construction site entrance again. The flatbed truck is blocking the view of the perimeter of the active construction area. You should investigate behind the truck. Select the icons to explore before we continue back to the construction entrance.

2.3. Site 1, Area 19 Interactive Icons

Figure 2-2. View of interactive icons for Site 1, Area 19.

Map Pin Icon

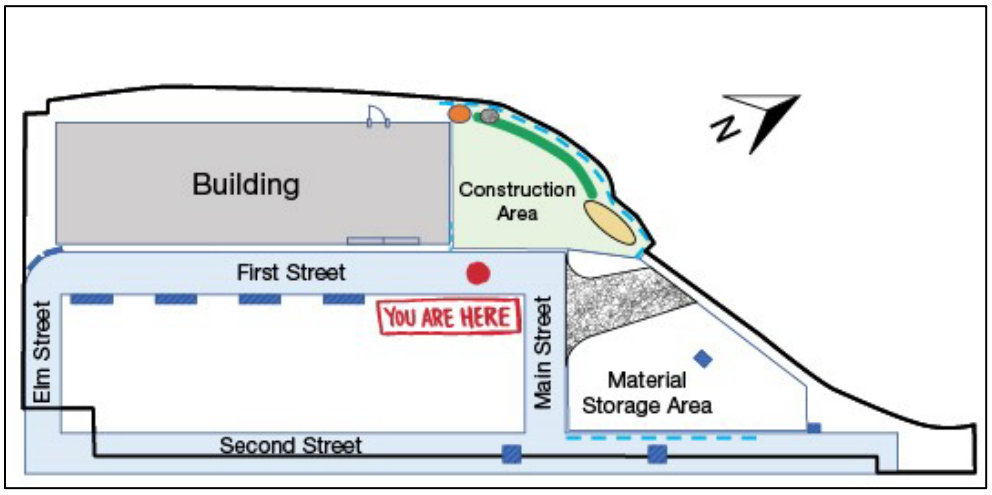


Figure 2-3. Site 1 Map. "You Are Here" in Area 19.

Image Icon (Top Left)

Figure 2-4. View of the silt fence in the area behind the truck.

It's a good thing we walked around the truck to check out this area. The silt fence in the area behind the truck appears to be undercut, or perhaps it was improperly installed. This area is below the curb line, so stormwater will likely pond in this area instead of flowing into the road. Even so, the operator must repair the silt fence or consider implementing another control to reduce the potential for stormwater pollution from turbid water overtopping the curb. Add this finding to your inspection report and note that it requires routine maintenance if the silt fence is repaired, or corrective action if the silt fence is replaced in its entirety or a new type of control is installed. Talk to the operator about this issue and remind them that routine maintenance or corrective action, whichever applies, must be initiated immediately after the inspection.

Image Icon (Bottom Left)

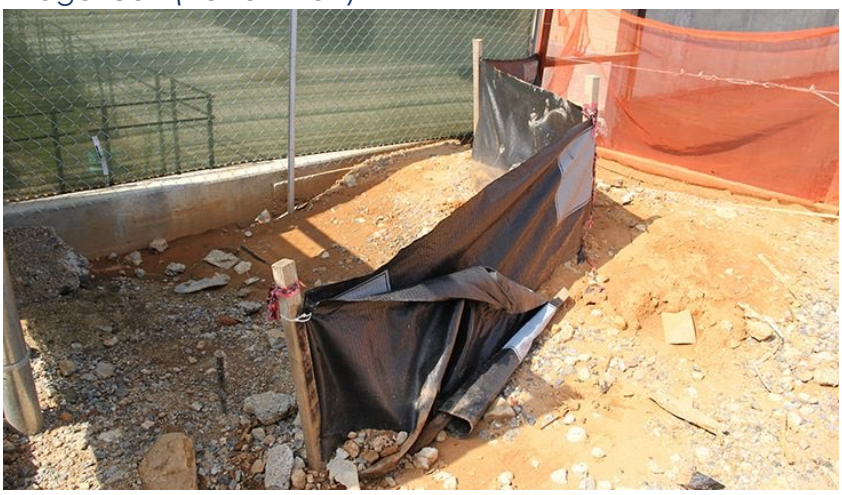


Figure 2-5. Another view of the silt fence in the area behind the truck.

This is a view of the area behind the truck. The silt fence perimeter control is damaged. Because this area is lower than the curb line, it's unlikely that sediment would migrate into the road, but the silt fence helps prevent turbid water from overtopping the curb. So, you must still note this condition in your inspection report as requiring routine maintenance to repair the silt fence.

Image Icon (Right)

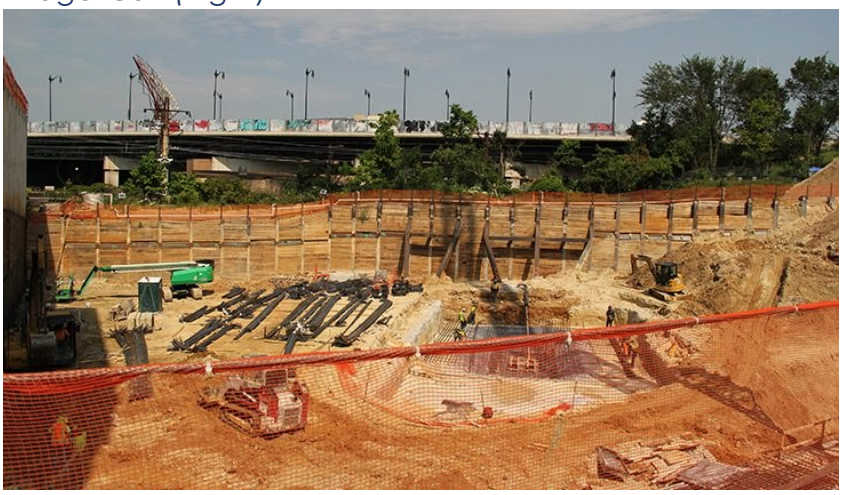


Figure 2-6. View the active construction area.

Here is a different overview shot of the active construction area. You do not need to inspect this area because it is fully below grade, and the only stormwater discharge point is at the dewatering control that you inspected earlier.

Arrow Icon

[Selecting this icon moves the user to the next area.]

3. Site 1, Area 20

3.1. Starting View

Figure 3-1. Starting view for Site 1, Area 20.

3.2. Opening Narration

We have arrived back at the site's construction entrance. Do you remember that you still must inspect the materials storage areas? Let's go to the area on the right first.

3.3. Site 1, Area 20 Interactive Icons

Figure 3-2. View of interactive icons for Site 1, Area 20.

Map Pin Icon

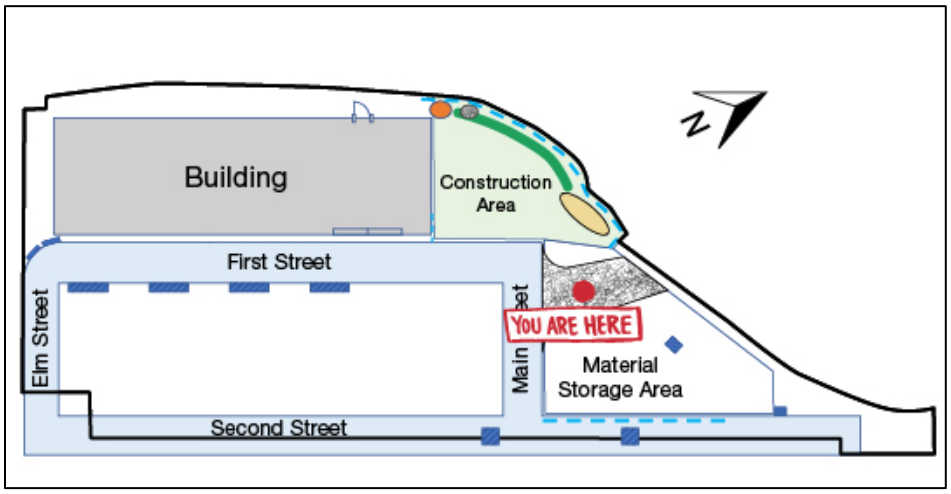


Figure 3-3. Site 1 Map. "You Are Here" in Area 20.

Arrow Icon

[Selecting this icon moves the user to the next area.]

4. Site 1, Area 21

4.1. Starting View

Figure 4-1. Starting view for Site 1, Area 21.

4.2. Opening Narration

We are now in an area where the operator stores equipment and materials. Here, you must keep an eye out for sources of non-sediment pollutants, like fuels, chemicals, and wastes. Remember, the operator must minimize the opportunities for stormwater to contact pollutant sources and implement controls to prevent pollutants in stormwater from discharging. Explore this area by selecting all icons, and then turn around to return to the construction entrance.

4.3. Site 1, Area 21 Interactive Icons

Figure 4-2. Composite view of interactive icons for Site 1, Area 21.

Map Pin Icon

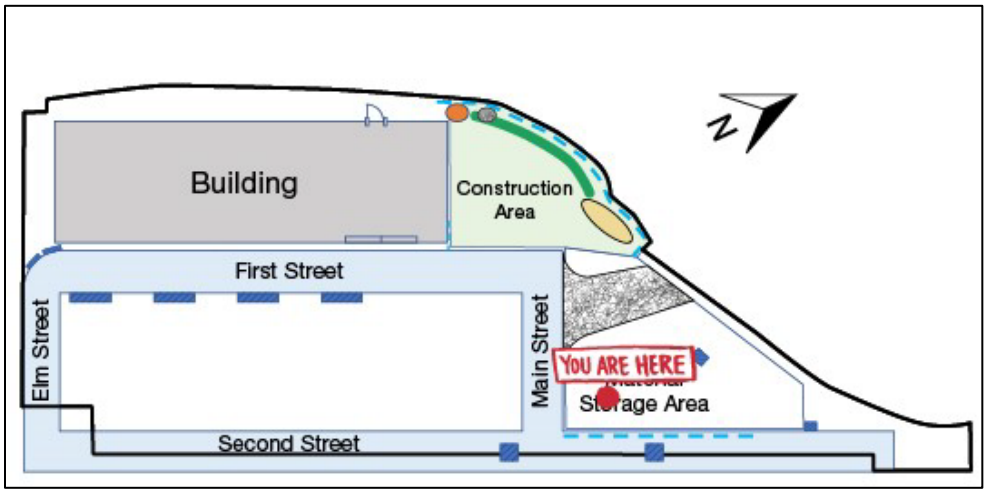


Figure 4-3. Site 1 Map. "You Area Here" in Area 21.

Image Icon (First from the Left)

Figure 4-4. Fuel tank in the materials storage area.

This is one of several double-walled diesel fuel tanks stored on-site. During site inspections, you need to check that the fuel storage container is not damaged or leaking. To do this, you need to walk fully around the container and check all sides. This fuel tank appears to be in good condition.

There is a black box on top of this fuel tank. During your site inspection, if you don't recognize what an object is, ask the operator. In this case, this black box contains a fire extinguisher.

Image Icon (Second from the Left)

Figure 4-5. View of the back of the fuel tank.

This view is of the back of the fuel tank. During an inspection, you must make sure to walk all the way around fuel containers and check the ground for stains or spills. The ground around this fuel tank doesn't appear to have any staining.

Information Icon (Left)

If any chemical container has a storage capacity of 55 gallons or more, the container must be covered or stored within secondary containment in accordance with Part 2.3.3 of the CGP. This fuel tank is double-walled and thus meets the secondary containment requirement.

Image Icon (Third from the Left)

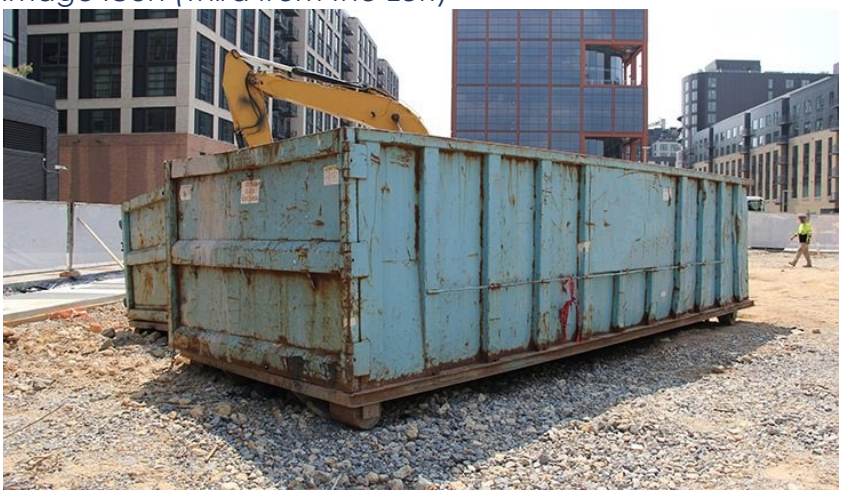


Figure 4-6. View of the back of two dumpsters.

During inspections, you need to walk around waste storage areas to make sure the area is free of staining, trash, and debris. You're currently looking at the back of the two dumpsters and the ground in this area appears clean.

Image Icon (Fourth from the Left)

Figure 4-7. View of the front of two dumpsters.

The operator uses these two dumpsters for general construction and domestic wastes. It appears that trash is almost overflowing the dumpster on the right. You should remind the operator to empty the dumpsters before they overflow.

Image Icon (Fifth from the Left)

Figure 4-8. Two dumpsters without covers in the materials storage area.

These dumpsters do not have covers. Remind the operator that they must provide cover such as plastic sheeting or a temporary roof, or a similarly effective means to prevent the discharge of pollutants, such as secondary containment. These dumpsters must be covered at the end of the business day and during storm events. Document this observation in your inspection report and discuss it with the operator promptly after your inspection. This situation triggers a corrective action because a required stormwater control was never installed.

Image Icon (Sixth from the Left)

Figure 4-9. There is a grease stain on the ground in the materials storage area.

There is a large grease stain on the ground here circled in red. Document this as a finding in your inspection report and request routine maintenance. The operator must clean up spills immediately using dry clean-up methods where possible. You will also want to make sure that adequate supplies are available, such as a spill kit, to handle the clean-up."

Information Icon (Right)

In areas where vehicles or heavy machinery are stored, you must inspect around and underneath the vehicles and machinery for signs of leaking and staining. The operator must use drip pans and absorbents under leaky vehicles. Fortunately, there are no leaks under or around these vehicles.

Arrow Icon

[Selecting this icon moves the user to the next area.]

5. Site 1, Area 22

5.1. Starting View

Figure 5-1. Starting view for Site 1, Area 22.

5.2. Opening Narration

Alright, we're back once again at the construction entrance. You can move on to inspecting the rest of the material storage area. Select the arrow icon to move forward.

5.3. Site 1, Area 22 Interactive Icons

Figure 5-2. View of interactive icons for Site 1, Area 22.

Map Pin Icon

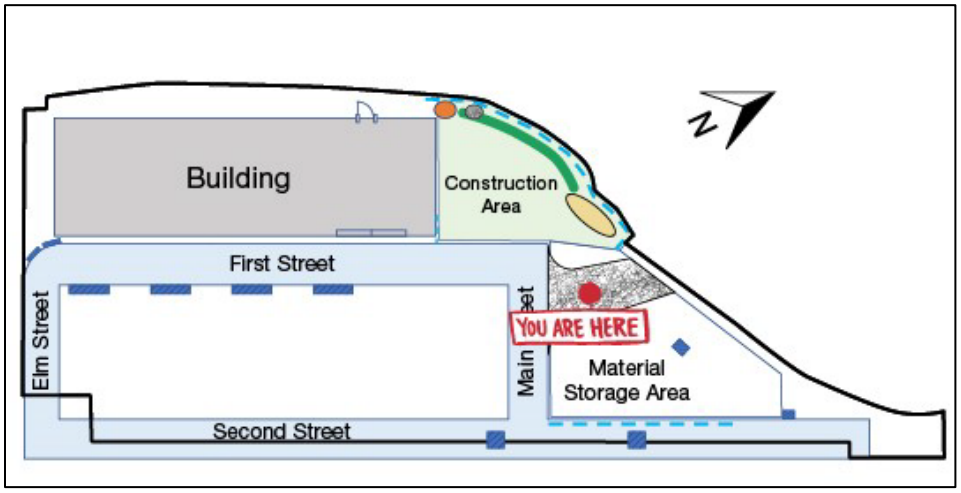


Figure 5-3. Site 1 Map. "You Are Here" in Area 22.

Arrow Icon

[Selecting this icon moves the user to the next area.]

6. Site 1, Area 23

6.1. Starting View

Figure 6-1. Starting view for Site 1, Area 23.

6.2. Opening Narration

Let's stop here since there are many types of materials stored at this subcontractor's trailer. Before you begin inspecting, think about how stormwater would flow through and around this area. As you conduct your inspections, it is important to be aware of the locations of drainage pathways and storm drains or other discharge points. This knowledge will help you assess how likely it is for stormwater to come into contact with pollutant sources. Make sure to explore the entire area so that you don't miss any icons before selecting the arrow icon to move closer to the trailer.

6.3. Site 1, Area 23 Interactive Icons: 180-Degree Turn from the Starting View

Figure 6-2. View of interactive icons for Site 1, Area 23.

Information Icon

This area is generally flat, but starting from the location of this icon, there is a slight downgradient slope to the left, down the access road running through the site's materials storage area.

6.4. Site 1, Area 23 Interactive Icons: Back to the Starting View

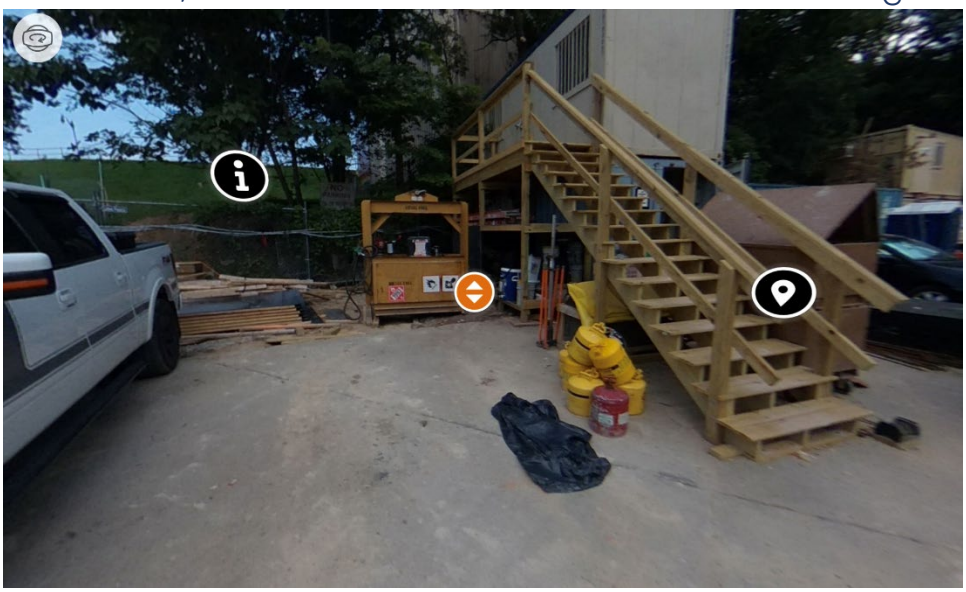


Figure 6-3. View of interactive icons for Site 1, Area 23 continued.

Map Pin Icon

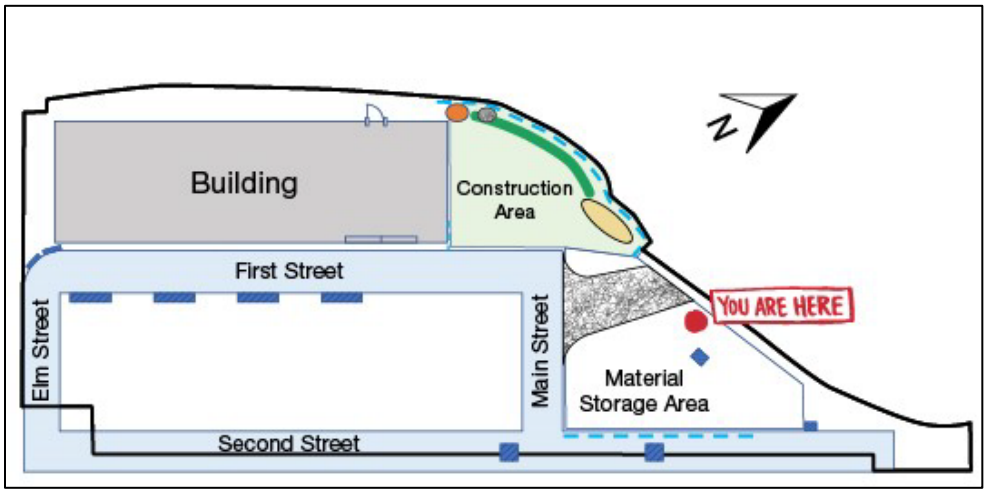


Figure 6-4. Site 1 Map. "You Are Here" in Area 23.

Information Icon

Beyond this security fence, the neighboring property slopes toward the site. You could recommend that the operator install controls along the perimeter in this area as an extra precaution to divert flow and prevent off-site stormwater from running on to the materials storage area.

Arrow Icon

[Selecting this icon moves the user to the next area.]

7. Site 1, Area 24

7.1. Starting View

Figure 7-1. Starting view for Site 1, Area 24.

7.2. Opening Narration

You've done a lot of walking, but there is a lot more to see. Now that we've moved closer to the storage area, you can examine the various items stored here. The operator keeps another diesel fuel tank here, and there are various containers and equipment stored under the scaffolding. There is also a flammables storage cabinet and a pile of fuel containers on the ground. Select the icons to learn more about what to inspect in this area. When you're done, select the arrow icon to view the other side of the fuel tank.

7.3. Site 1, Area 24 Interactive Icons

Figure 7-2. Composite view of interactive icons for Site 1, Area 24.

Image Icon (First from the Left)

Figure 7-3. Fuel tank near subcontractor's trailer.

Here is another fuel tank that is larger than 55 gallons. This one seems to be in good condition. For chemical containers that store more than 55 gallons, you need to verify that the container is not within 50 feet of receiving waters, drainage systems, or stormwater inlets. This site is not near and does not directly drain to any receiving waters.

Information Icon (Left)

Here is another black box with a fire extinguisher inside. While not a stormwater concern, this may be a safety issue that you could point out.

Information Icon (Right)

We have not observed a spill kit on-site. The operator must keep a spill kit accessible because it is required by the CGP where fuel tanks are stored on-site, regardless of container size. Record this as a finding that triggers corrective action because a required control is not present at the site.

Image Icon (Third from the Right)

Figure 7-4. Flammables cabinet near subcontractor's trailer.

It's good to see that the operator keeps a flammables cabinet to store flammable materials. Next to the flammables cabinet, you can see a metal pump sprayer on the ground, which may be used for spraying pesticides, fertilizer, or other chemicals. This area is under the stairs of the scaffolding, which does not provide adequate cover for the sprayer since it is partially exposed to precipitation. Include this as a finding in the inspection report and note that it requires routine maintenance. Because moving the sprayer under the cover of the scaffolding is something that can be done quickly and easily, this can be treated as routine maintenance. Corrective action would only be required if cover was not readily available and a new control was necessary.

Image Icon (Second from the Right)

Figure 7-5. View inside the subcontractor's storage trailer.

The operator stores various materials inside this trailer, which minimizes exposure to stormwater.

Image Icon (First from the Right)

Figure 7-6. Pile of fuel containers near subcontractor's trailer.

This pile of small fuel containers on the ground is a potential pollution source. These containers are empty; however, during future inspections, if you find fuel containers such as these that hold less than 55 gallons and that are not empty, you need to tell the operator to use a spill containment pallet or similar device to capture small leaks or spills. If these containers had not been empty, this finding would have triggered a corrective action because a required control was never installed.

Arrow Icon

[Selecting this icon moves the user to the next area.]

8. Site 1, Area 25

8.1. Starting View

Figure 8-1. Starting view for Site 1, Area 25.

8.2. Opening Narration

We are standing behind the diesel fuel tank. Do you spot any leaks, stains, or other potential pollution problems? When you're done reviewing the area, select the arrow icon to return to the front of the fuel tank.

8.3. Site 1, Area 25 Interactive Icons

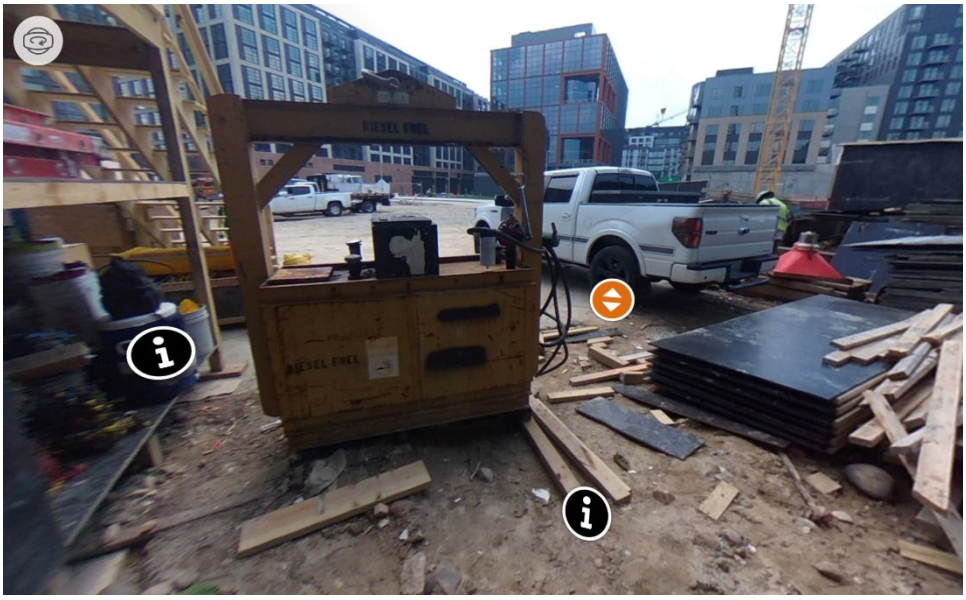


Figure 8-2. View of interactive icons for Site 1, Area 25.

Information Icon (Left)

This fuel tank is double-walled, which satisfies the CGP's secondary containment requirement for fuel containers larger than 55 gallons.

Information Icon (Right)

There are no visible stains or leaks on the ground from the fuel tank. During inspections, you need to also check for the smell of fuel or an oily sheen on puddles of water if it has rained recently.

Arrow Icon

[Selecting this icon moves the user to the next area.]

9. Site 1, Area 26

9.1. Starting View

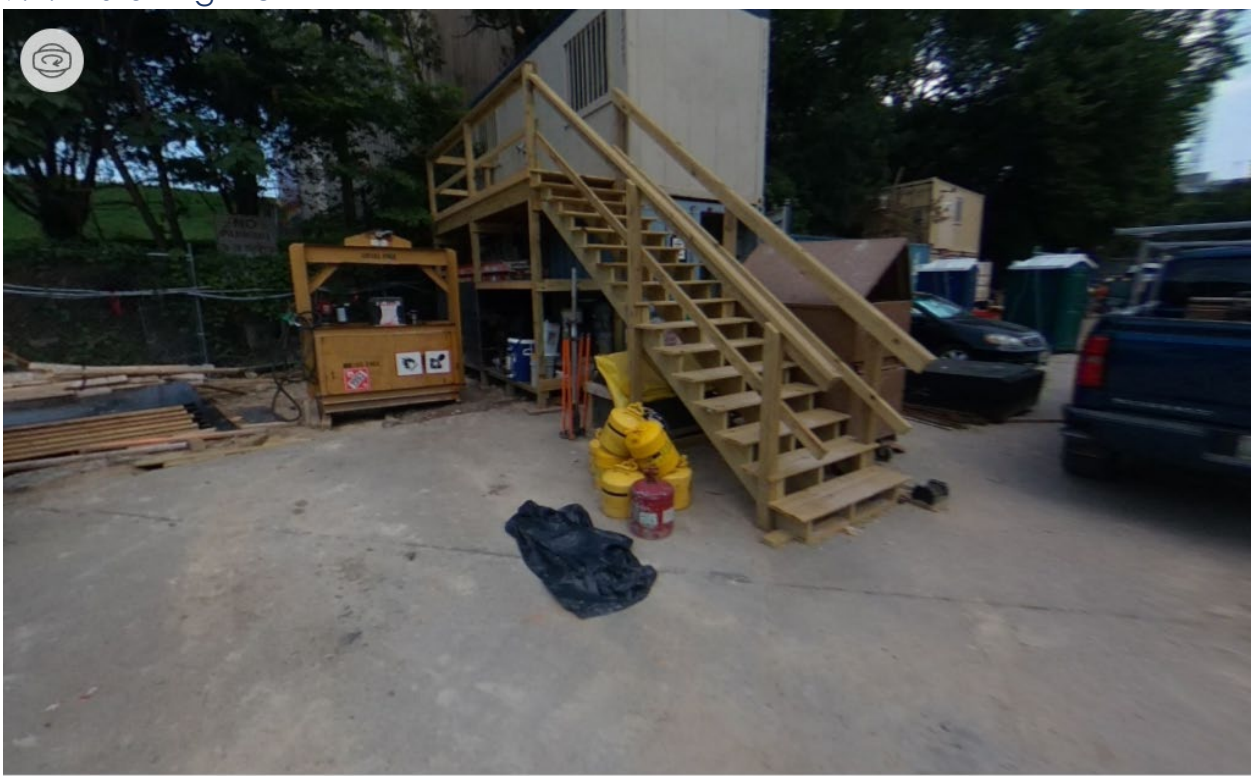


Figure 9-1. Starting view for Site 1, Area 26.

9.2. Opening Narration

We are back in front of the fuel tank. Let's keep walking and inspect the rest of this area. Select the arrow icon to move to the next location.

9.3. Site 1, Area 26 Interactive Icons

Figure 9-2. Composite view of interactive icons for Site 1, Area 26.

Information Icon

This trash bag should be picked up and thrown away. If you see poor housekeeping throughout the site, you must include it in your inspection report. Use your best judgment in cases like these.

Arrow Icon

[Selecting this icon moves the user to the next area.]

10. Site 1, Area 27

10.1. Starting View

Figure 10-1. Starting view for Site 1, Area 27.

10.2. Opening Narration

We have moved further into the materials storage area. Please inspect the area and select the icons to explore. After, select the arrow icon to continue further into the material storage area.

10.3. Site 1, Area 27 Interactive Icons

Figure 10-2. Composite view of interactive icons for Site 1, Area 27.

Information Icon (Left)
These portable toilets are being stored in this area for transport by crane in and out of the excavated construction area.

Information Icon (Middle)
These trailers stacked on each other is an unusual sight… but not a stormwater problem.

Information Icon (Right)
This bit of gray staining seems concerning. Make sure you check it out when we get to this area.

Image Icon


Figure 10-3. View of various building materials in the materials storage area.

The operator stores a variety of building materials here. Keep in mind that the operator must cover or contain any building materials that could release pollutants when exposed to stormwater, such as the pile of sand here. Because there is no sign of a cover or secondary containment, you need to document this as a finding in your inspection report that triggers a corrective action and present it to the operator. Corrective action is required here, as opposed to routine maintenance, because a required control was never installed. Remind the operator that they must initiate the corrective action immediately after the inspection and complete the required corrective action log documentation.

By comparison, it is not necessary to cover the unused metal concrete forms and other products because they are designed for outdoor use and pose little risk of contaminating stormwater. If you are not sure about the composition of the materials stored on-site, you need to ask the operator to determine which materials must be covered or otherwise contained.

Arrow Icon
[Selecting this icon moves the user to the next area.]

11. Site 1, Area 28

11.1. Starting View

Figure 11-1. Starting view for Site 1, Area 28.

11.2. Opening Narration

We have just taken another step further into the materials storage area. Please explore around and select the icons. After, select the arrow icon to keep moving into the material storage area.

11.3. Site 1, Area 28 Interactive Icons

Figure 11-2. Composite view of interactive icons for Site 1, Area 28.

Map Pin Icon

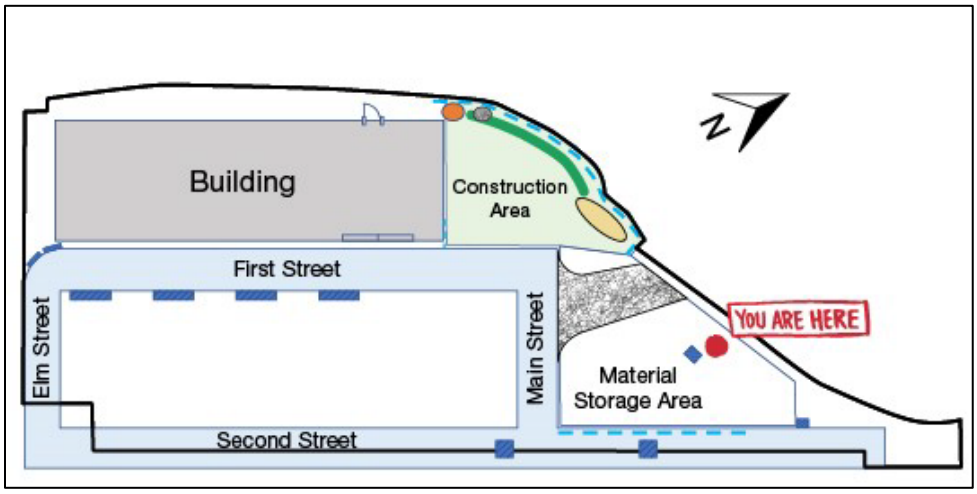


Figure 11-3. Site 1 Map. "You Are Here" in Area 28.

Image Icon (First from the Left)

Figure 11-4. Portable toilets in the materials storage area.

When inspecting portable toilets, you need to check that they are positioned securely so they will not be knocked over and are located away from receiving waters, drainage features, or stormwater inlets. These toilets are on level, paved ground and are not near any drains.

Image Icon (Second from the Left)

Figure 11-5. View of various construction materials stacked in the materials storage area.

The materials stored here include masonry products and bagged sand on pallets. These products are not likely to generate pollutants when exposed to stormwater so long as the bags remain intact. You need to talk to the operator about what else is being stored in this area to determine which materials must be covered or contained.

Image Icon (Second from the Right)

Figure 11-6. View of a compactor parked in the materials storage area.

Here is a problem—there is a compactor parked over a storm drain. It's difficult to see from here, but this storm drain does not have any protection measures. If the compactor leaked pollutants, it would discharge directly into the storm drain inlet. On the site map, this storm drain is labeled as requiring an inlet protection measure. Document this finding as triggering a corrective action because a required stormwater control was never installed and because it's possible that a prohibited discharge has occurred. Raise these concerns with the operator so they can begin implementing the corrective actions immediately after the inspection.

Image Icon (First from the Right)

Figure 11-7. Concrete washout on the ground in the materials storage area.

Unfortunately, here is another spot of concrete washout, and this time it's immediately adjacent to the storm drain that's under the compactor. This is the gray staining we saw from a distance earlier. It appears that some of the concrete washout has gone into the storm drain. Document this as a finding in your inspection report and present this finding to the operator after the inspection. This finding triggers a corrective action because the operator does not appear to have an appropriate concrete washout container, and a prohibited discharge appears to have occurred. Corrective actions must include setting up a concrete washout station and properly disposing of any liquid or hardened washout waste. Concrete washout activities must be conducted as far away as possible from storm drain inlets. Raise these concerns with the operator so they can begin implementing the corrective actions immediately after the inspection.

Arrow Icon

[Selecting this icon moves the user to the next area.]

12. Site 1, Area 29

12.1. Starting View

Figure 12-1. Starting view for Site 1, Area 29.

12.2. Opening Narration

We are close to the end of the material storage area and are approaching the eastern corner of the site. Please check out the area and select the icons. After, select the arrow icon to move to the end of the material storage area.

12.3. Site 1, Area 29 Interactive Icons

Figure 12-2. Composite view of interactive icons for Site 1, Area 29.

Image Icon

Figure 12-3. Pallet of construction materials behind the portable toilets.

Here is a view of the back of the portable toilets. The boxes stored here are on pallets, but some of the boxes are damaged and pieces are spilling onto the ground. It's difficult to see from this angle, but a closer look reveals that some of these materials are not intended for outdoor use and must be covered when the operator is not actively using them, or the operator must provide a similarly effective means to minimize exposure to precipitation. The operator does not appear to be covering these materials. Document this finding in your inspection report as triggering a corrective action. Corrective action is required here, as opposed to routine maintenance because a required control was never installed, which is a trigger for corrective action under the CGP. Present this finding to the operator after the inspection and remind them that they must initiate corrective actions immediately.

Arrow Icon

[Selecting this icon moves the user to the next area.]

13. Site 1, Area 30

13.1. Starting View

Figure 13-1. Starting view for Site 1, Area 30.

13.2. Opening Narration

We have arrived at the end of the materials storage area. Please explore the area and select the icons. After, select the arrow icon to move toward the contractor's trailers.

13.3. Site 1, Area 30 Interactive Icons

Figure 13-2. Composite view of interactive icons for Site 1, Area 30.

Map Pin Icon

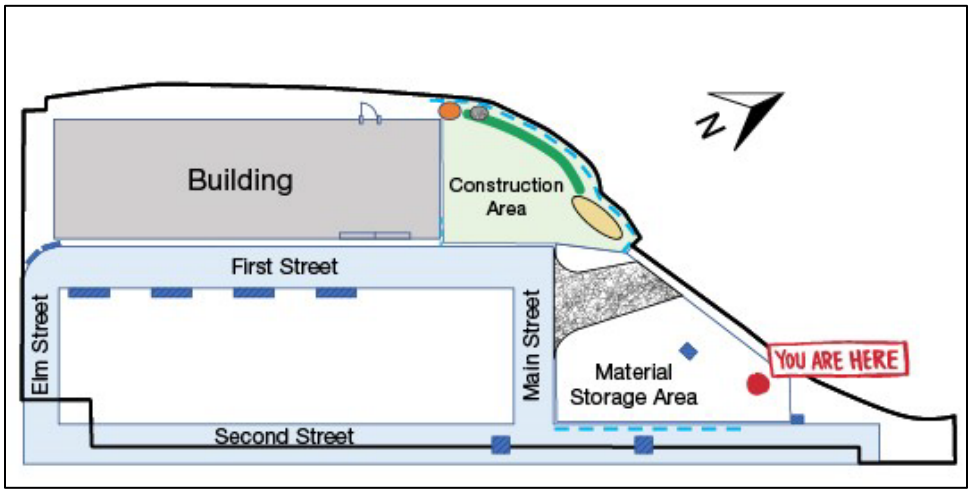


Figure 13-3. Site 1 Map. "You Are Here" in Area 30.

Image Icon (Left)

Figure 13-4. Fuel tanks by a trailer near the end of the materials storage area.

Here you see another large fuel tank. According to the SWPPP, this tank is double walled, which satisfies the CGP's secondary containment requirement for fuel containers larger than 55 gallons, which this container seems to be. It's good to see that the fuel tank is sitting on a pallet, which means that during a storm event, it won't come into contact with stormwater flow. The tank also seems to be sitting within a yellow spill containment liner. This liner would not provide adequate containment due to its small size and collapsed sides, but the operator has indicated in their SWPPP that these fuel tanks are double-walled. On their own, double-walled tanks meet the CGP's requirement for secondary containment.

It appears there is also a small red fuel container sitting on the ground beside the trailer. If this container is in use, the operator needs to store it on a spill containment pallet or similar device to capture small leaks or spills. You need to ask the operator if the container is being used. If so, document the lack of controls as findings in your inspection report. The failure to implement required controls would trigger a corrective action.

Image Icon (Middle)

Figure 13-5. View of the back of the large fuel tank.

Remember to always walk all the way around whatever you are inspecting. Now that you're looking at the other side of the fuel tank, you can see that the tank is not placed entirely within the yellow spill containment lining. If this container was not double-walled, any leak from the back left corner would go directly onto the ground. However, this specific tank is double-walled, appears to be in good condition, and the ground appears clean.

Image Icon (Right)

Figure 13-6. Second large fuel tank in a corner by the trailer.

During inspections, it's a good idea to go the extra step and investigate all the nooks and crannies. This area would have been easy to miss, but it's a good thing you checked it out, because there is another fuel tank in the corner that is not identified in the SWPPP or on the SWPPP site map. Ask the operator if the tank is being used. If so, document the lack of controls and the omission of the fuel tank from the SWPPP as findings in your inspection report. The failure to implement required controls would trigger a corrective action. Raise this concern with the operator so they can begin implementing the corrective action immediately after the inspection. The SWPPP would also need to be updated, including the site map, within seven

calendar days to include a description of the fuel tank, where it is stored, and what controls will be implemented to meet the CGP requirements based on container size.

Arrow Icon

[Selecting this icon moves the user to the next area.]

14. Site 1, Area 31

14.1. Starting View

Figure 14-1. Starting view for Site 1, Area 31.

14.2. Opening Narration

We are now at a corner of the site, but still within the permitted area. You can see the operator's trailer in front of us and Second Street to our right, which will take us back to the location where we started. Please review the area and select the icons. After, select the arrow icon to walk down Second Street.

14.3. Site 1, Area 31 Interactive Icons

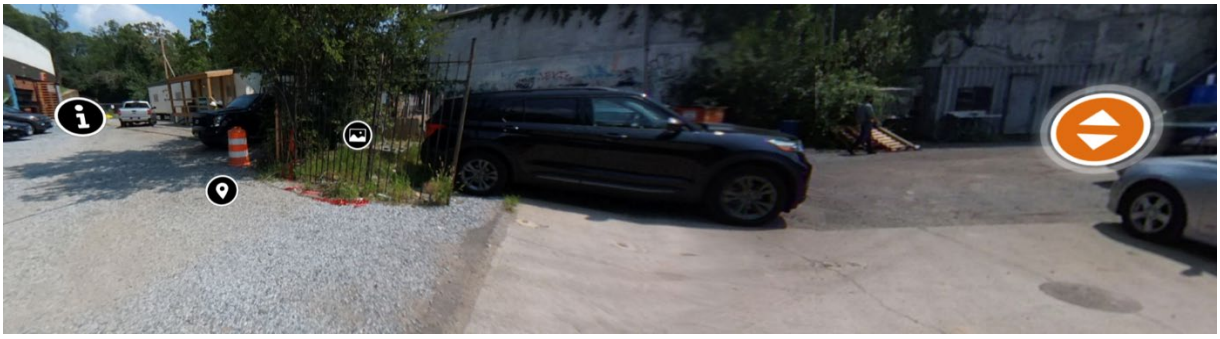


Figure 14-2. Composite view of interactive icons for Site 1, Area 31.

Map Pin Icon

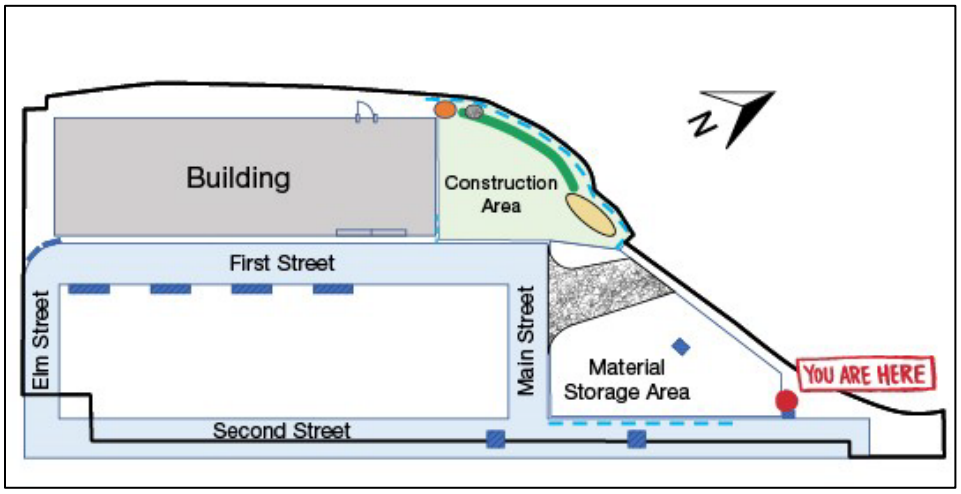


Figure 14-3. Site 1 Map. "You Are Here" in Area 31.

Information Icon

The contractor's trailers are here. The SWPPP, inspection reports, and corrective action log must be kept on-site or at an easily accessible location for an inspection. Often, these documents are kept in the contractor's trailer.

Image Icon

Figure 14-4. View of storm drain at the end of the materials storage area.

Uh oh—this storm drain is on the site plans, but it appears to be neglected. There does not appear to be a stormwater control at the storm drain inlet, although there is one labeled on the site map. Because a required control was never installed, this finding triggers a corrective action. Document this observation in your inspection report, and raise this concern with the operator so they can begin implementing the corrective action immediately after the inspection.

Arrow Icon

[Selecting this icon moves the user to the next area.]

15. Site 1, Area 32

15.1. Starting View

Figure 15-1. Starting view for Site 1, Area 32.

15.2. Opening Narration

We have just turned out of the materials storage area and are now walking along Second Street, outside of the southern limit of disturbance. We are outside of the site's construction area, but still within the property boundary. Please look around and select the icons. After, select the arrow icon to continue walking down Second Street.

15.3. Site 1, Area 32 Interactive Icons

Figure 15-2. View of interactive icons for Site 1, Area 32.

Map Pin Icon

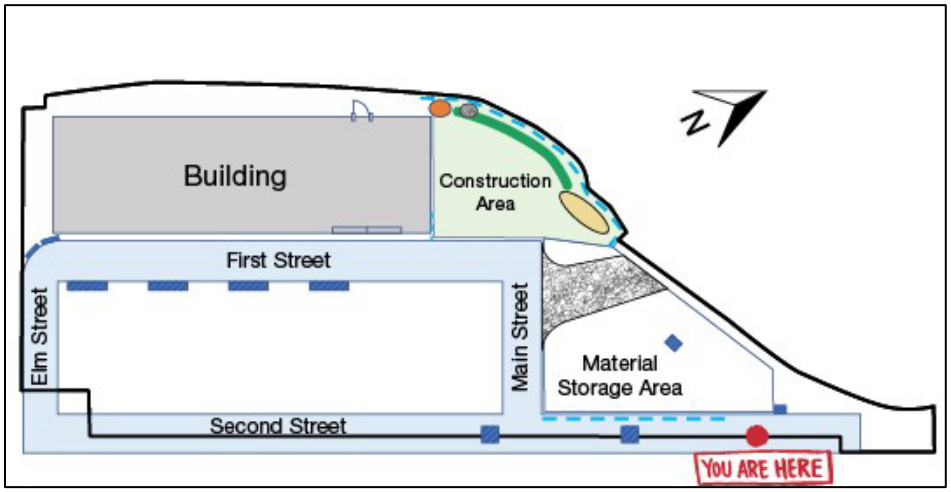


Figure 15-3. Site 1 Map. "You Are Here" in Area 32.

Image Icon

Figure 15-4. View of freshly disturbed area along Second Street.

In this area, you see a freshly disturbed patch of ground outside the site's perimeter controls. You should ask the operator what kind of work is going on here. You need to remind them to stabilize the area within the permit-required timeframes. Due to the lack of a required perimeter control, these findings trigger a corrective action. Document the finding in your inspection report and present it to the operator so they can initiate corrective actions immediately after the inspection.

Arrow Icon

[Selecting this icon moves the user to the next area.]

16. Site 1, Area 33

16.1. Starting View

Figure 16-1. Starting view for Site 1, Area 33.

16.2. Opening Narration

Walking further down Second Street along the active construction site perimeter, you may observe a few more stormwater controls or issues. That's why it is important to walk along the site perimeter as well as inside the site. Select the icons before selecting the arrow icon to return to where we started the inspection.

16.3. Site 1, Area 33 Interactive Icons

Figure 16-2. Composite view of interactive icons for Site 1, Area 33.

Map Pin Icon

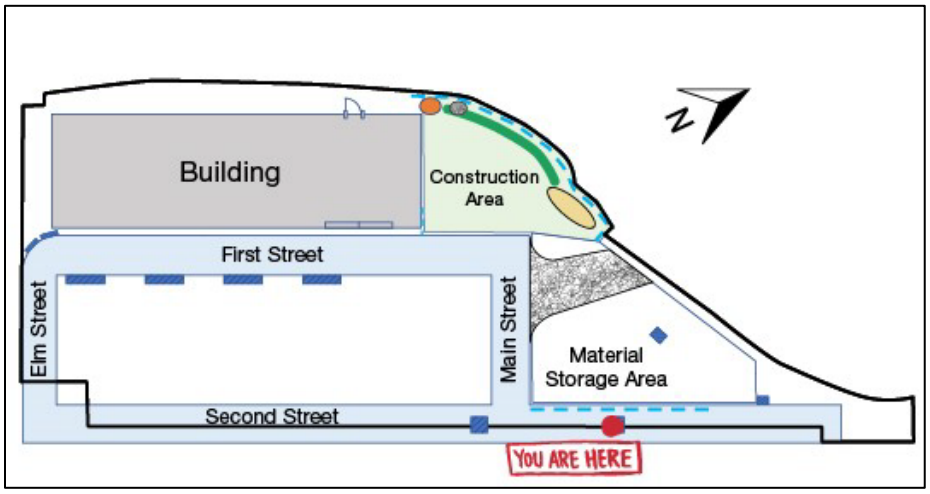


Figure 16-3. Site 1 Map. "You Are Here" in Area 33.

Video Icon

Figure 16-4. Screenshot of video showing collapsed silt fence along Second Street.

After you walk past the freshly disturbed patch of ground from the previous area, there is a section of collapsed silt fence. It does not look like the silt fence can be easily repaired. Because the silt fence needs to be replaced in its entirety, this condition triggers a corrective action. Document this finding in your inspection report and communicate the finding to the operator so they can complete the required corrective action to replace the silt fence.

Image Icon

Figure 16-5. Close-up view of storm drain on Second Street.

Here is another storm drain. You must check for debris inside and around the inlet to evaluate if it needs protection measures. There isn't any noticeable sediment or debris; however, the site map states that an inlet protection measure must be installed here. Document this as a finding that triggers a corrective action in your inspection report because a required control was never installed. Raise this concern with the operator so they can begin the corrective action immediately after the inspection.

Arrow Icon

[Selecting this icon moves the user to the next area.]

17. Site 1, Area 34

17.1. Starting View

Figure 17-1. Starting view for Site 1, Area 34.

17.2. Opening Narration

We have returned to the starting location. For the sake of time, we will not walk the rest of the way down Second Street during this virtual inspection. Remember that you must inspect the entire permitted project area during an actual site inspection. This concludes the 360-degree inspection of the first construction site. Take one last look around this site to observe anything you may have missed initially, such as the storm drain inlet. Select the icons here before selecting the exit icon to return to Module 5. From there, you will review your findings from Site 1 before beginning the second construction site inspection.

17.3. Site 1, Area 34 Interactive Icons

Figure 17-2. Composite view of interactive icons for Site 1, Area 34.

Map Pin Icon

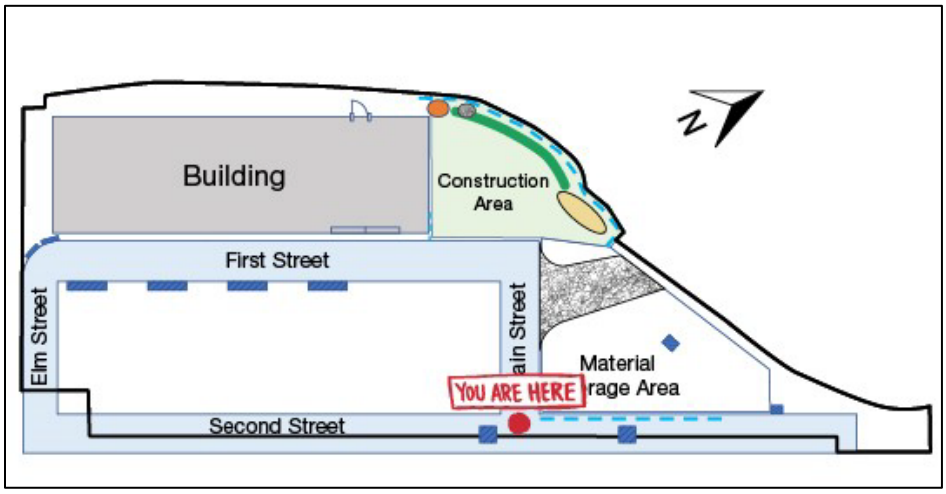


Figure 17-3. Site 1 Map. "You Are Here" in area 34.

Image Icon

Figure 17-4. Close-up view of storm drain at the intersection of Second Street and Main Street.

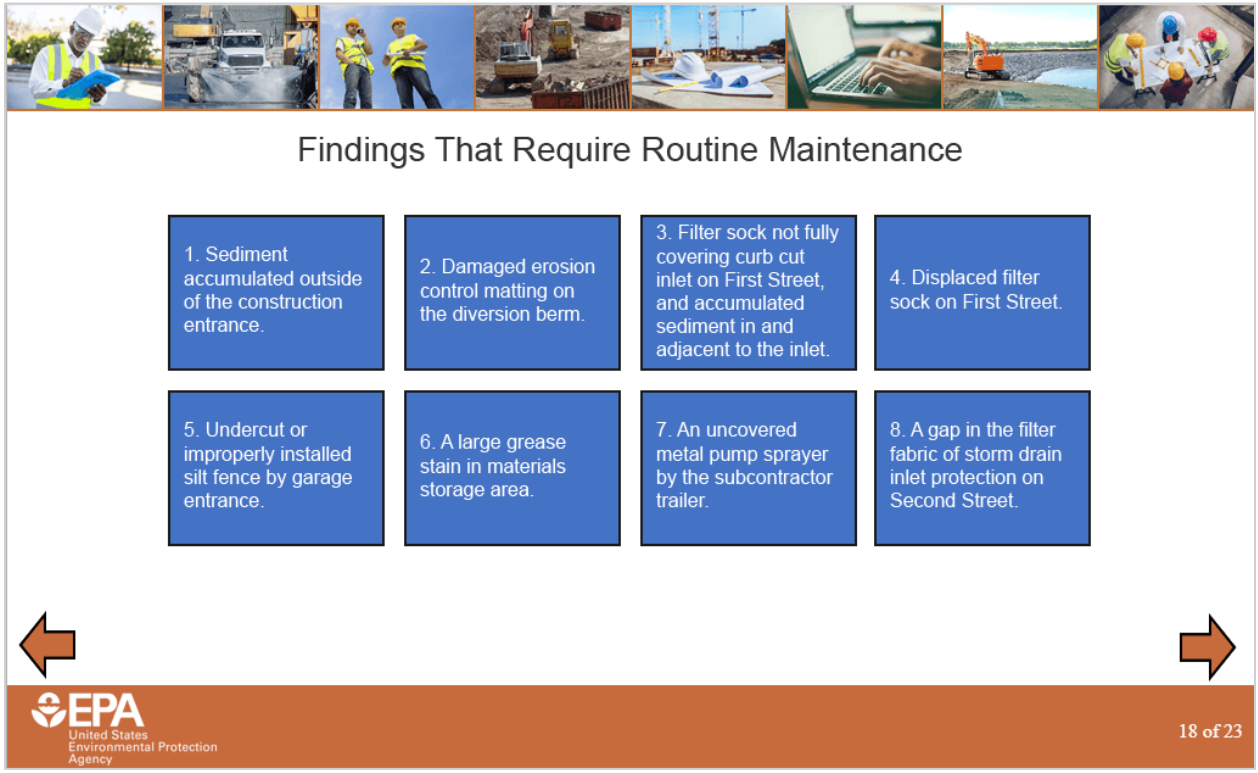
Here is a stormwater inlet you did not visit previously. This inlet has filter fabric inside the storm drain inlet that collects sediment from discharged stormwater. There is a gap in the filter fabric coverage on the right side of the inlet that requires routine maintenance, such as repairing or repositioning the filter fabric. Document this finding in your inspection report as a condition that requires routine maintenance. This finding is considered routine maintenance because the control needs minor repair or upkeep. Keep in mind that although there is not a large amount of sediment immediately visible around the stormwater inlet, conditions may still occur where the protection measure is necessary, such as track-out from the active construction area. You need to notify the operator about this finding so they can immediately initiate routine maintenance to repair the control. If the operator chooses to replace the control in its entirety instead of repairing it, the fix would then become a corrective action

Exit Icon

[Selecting this icon exits the user from Site 1.]

18. Screen 18

18.1. Visual Element



18.2. Narration

Before you conclude the inspection, take a moment to summarize your findings. These findings may change if the operator provides new information. Here are the findings you observed that require routine maintenance. You need to have a discussion with the operator about any issues and suggested fixes so they are aware of what issues you found on their site, but the operator is ultimately responsible for carrying out the work by the CGP-required deadlines. You should also remind the operator that they must initiate necessary routine maintenance work immediately and complete the work by the close of the next business day. Select each finding to see an image of the issue and a suggested routine maintenance fix.

18.3. Routine Maintenance Findings and Suggested Fixes

1. Sediment accumulated outside of the construction entrance.

Suggested Fix: Remove the accumulated sediment from the roadway.

2. Damaged erosion control matting on the diversion berm.

Suggested Fix: Replace or repair areas of erosion control matting that are damaged or displaced.

3. Filter sock not fully covering curb cut inlet on First Street, and accumulated sediment in and adjacent to the inlet.

Suggested Fix: Adjust the placement of the filter sock or add another filter sock to cover both openings of the bioretention cell inlets, and remove the accumulated sediment from on top of the bioretention media and adjacent to the inlet protection.

4. Displaced filter sock on First Street.

Suggested Fix: Move the filter sock to cover the curb inlet.

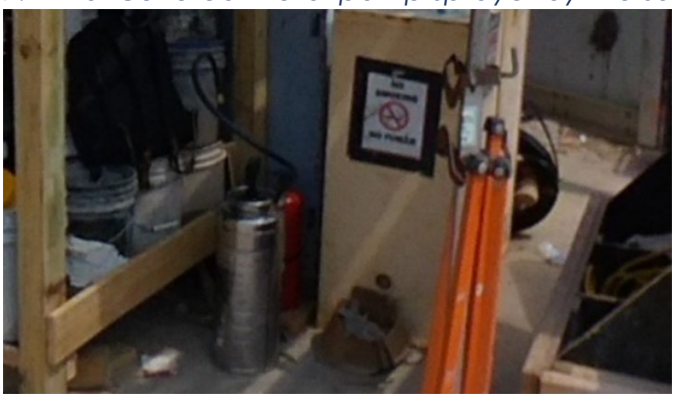
5. Undercut or improperly installed silt fence by garage entrance.

Suggested Fix: Repair the silt fence. If the operator chooses to replace the silt fence in its entirety instead of repairing it, the fix will become a corrective action and require updates to the corrective action log.

6. A large grease stain in materials storage area.

Suggested Fix: Remove the large grease stain by the dumpsters using a dry clean-up method.

7. An uncovered metal pump sprayer by the subcontractor trailer.



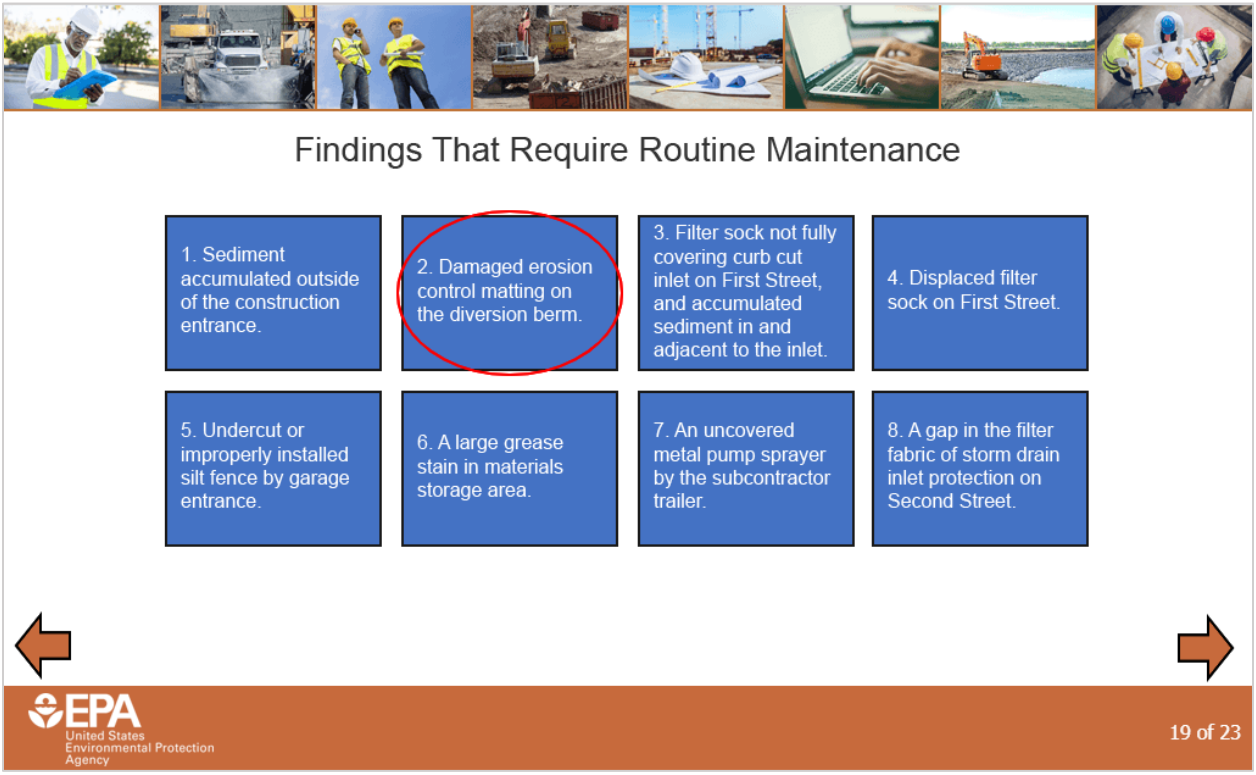
Suggested Fix: Provide a cover or similar means of containment for the metal pump sprayer.

8. A gap in the filter fabric of storm drain inlet protection on Second Street.

Suggested Fix: Repair the filter fabric in the storm drain inlet. If the operator chooses to replace the filter fabric in its entirety instead of repairing it, the fix will become a corrective action and require updates to the corrective action log.

19. Screen 19

19.1. Visual Element



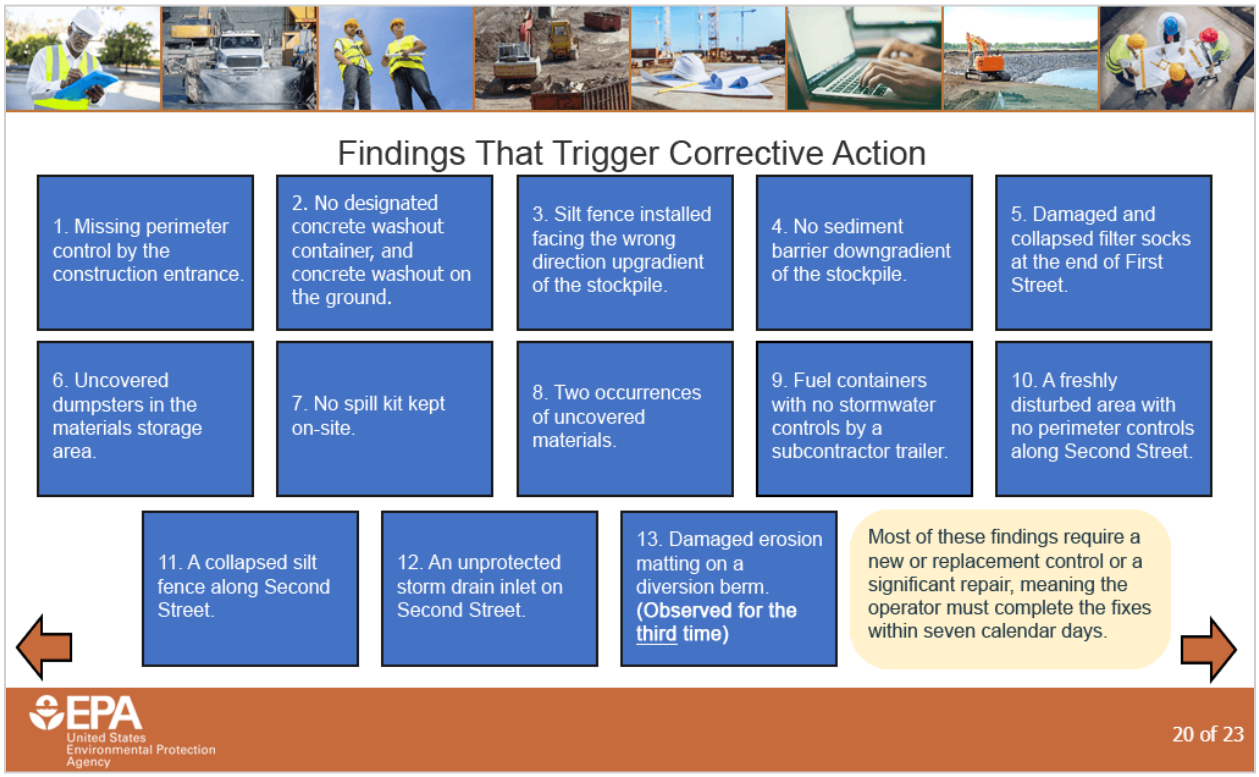
19.2. Narration

Remember, you must also consult past inspection reports to determine if a particular routine maintenance fix has been made to the same control three or more times. In this situation, even if the fix can be completed by the close of the next business day, you must flag the finding as a corrective action instead of routine maintenance and resolve the issue following the CGP's corrective action procedures, unless you can document in your inspection report why the specific reoccurrence of this same problem should still be addressed as a routine maintenance fix.

For our virtual inspection of Site 1, let's assume we've reviewed past inspection reports and determined that the second issue in this list, the damaged erosion control matting on the diversion berm, has been observed in the same location two times in the past. Because of these past occurrences, we should elevate our finding from routine maintenance to corrective action. Let's make sure to add this finding to our list of corrective actions.

20. Screen 20

20.1. Visual Element



20.2. Narration

Here are the findings you observed that trigger a corrective action. Select each finding to see an image of the issue and a suggested corrective action. Remember that corrective actions that do not require a new or replacement control or significant repair must be completed by the operator by the close of the next business day. Corrective actions that require a new or replacement control or a significant repair must be completed by the operator within seven calendar days.

Most of the findings shown here require a new or replacement control or a significant repair, which means that the operator must complete the fixes within the seven-day timeframe.

20.3. Corrective Action Findings and Suggested Fixes

1. Missing perimeter control by the construction entrance.

Suggested Fix: Install perimeter controls at this location.

2. No designated concrete washout container, and concrete washout on the ground.

Suggested Fix: Install a concrete washout station, and clean up and properly dispose of the hardened concrete.

3. Silt fence installed facing the wrong direction upgradient of the stockpile.

Suggested Fix: Reinstall the silt fence facing the correct direction.

4. No sediment barrier downgradient of the stockpile.

Suggested Fix: Install a sediment barrier downgradient of the stockpile.

5. Damaged and collapsed filter socks at the end of First Street.

Suggested Fix: Replace the filter socks and sweep up the sediment adjacent to the inlets.

6. Uncovered dumpsters in the materials storage area.

Suggested Fix: Cover the dumpsters at the end of the business day and during storm events.

7. No spill kit kept on-site.

Suggested Fix: Place spill kits in key locations around the site to ensure personnel are able to respond quickly in the event of a leak or spill.

8. Two occurrences of uncovered materials.

Suggested Fix: Provide a cover for the sand pile and miscellaneous materials behind the portable toilets, or implement a similarly effective means to minimize the discharge of pollutants.

9. Fuel containers with no stormwater controls by a subcontractor trailer.

Suggested Fix: If the fuel tanks are being used, then provide a spill containment pallet or similar control for containers smaller than 55 gallons, and cover or secondary containment for containers with a capacity of 55 gallons or more to minimize pollutant discharge. Also, update the SWPPP site map to reflect the large fuel storage tank's location.

10. A freshly disturbed area with no perimeter controls along Second Street.

Suggested Fix: Install perimeter controls at this location.

11. A collapsed silt fence along Second Street.

Suggested Fix: Replace the collapsed silt fence at this location.

12. An unprotected storm drain inlet on Second Street.

Suggested Fix: Install stormwater inlet protection measures according to the SWPPP and ESC plans.

13. Damaged ersion control matting on a diversion berm. ***(Observed for the third time)***

Suggested Fix: This is the third time this observation has been made during inspections. Replace or repair areas of erosion control matting that are damaged or displaced on the diversion berm. Consider supplementing it with additional controls to prevent future damage.

21. Screen 21

21.1. Visual Element

21.2. Narration

You may remember flagging two other findings as corrective actions during our site inspection. First, in the materials storage area, you observed a compactor parked on top of an unprotected inlet. Second, near the contractor's trailers, you observed a neglected and unprotected inlet. According to the SWPPP and site map, both of these inlets should be protected. However, after talking to the operator about these findings, it turns out that both of these inlets have been abandoned and are not connected to a new storm sewer system for this project. Based on this new information, you can conclude that these findings do not trigger corrective action and you must revise your inspection report accordingly. However, the operator must update both their SWPPP and site map to reflect that these inlets are no longer active and do not need inlet protection. According to CGP Part 7.4, the operator must modify their SWPPP and site map within seven calendar days.

22. Screen 22

22.1. Visual Element

22.2. Narration

For more guidance, please select the link on the screen to open a sample inspection report for Site 1. This sample inspection report reflects the same findings that were just discussed. You will learn how to fill out an inspection report in more detail at the end of the Site 2 virtual inspection.

22.3. Links

Site 1 Inspection Report

See Appendix A at the end of this document for a copy of the Site 1 sample inspection report.

23. Screen 23

23.1. Visual Element

23.2. Narration

This concludes the virtual inspection for the first site. Exit this module and advance to Module 5: Site 2 to move on to the second virtual site inspection. Once you've finished both virtual site inspections you will need to take the final exam to complete the training course.

Appendix A:

Site 1 Sample Inspection Report

Section A – General Information

Inspector Information

Inspector Name: E. Rosen	**Title:** Environmental Coordinator
Company Name: Virtual Construction Company	**Email:** environmental@virtualconstructionco.com
Address: 123 Compliance Avenue	**Phone Number:** (123) 456-7890

Inspection Details

Inspection Date: July 7, 2022	**Inspection Location:** CGP Training Site 1
Inspection Start Time: 10:00am	**Inspection End Time:** 11:45am
Current Phase of Construction: Sitework and foundation	**Weather Conditions During Inspection:** Sunny, dry

Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.5? ☐ Yes ☒ No

If "Yes," provide the following information:

Location of unsafe conditions:

The conditions that prevented you inspecting this location:

Indicate the required inspection frequency:

Standard Frequency (CGP Part 4.2):

☒ At least once every 7 calendar days; **OR**

☐ Once every 14 calendar days *and* within 24 hours of the occurrence of either:

- A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
- A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

Increased Frequency (CGP Part 4.3.1) (If site discharges to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3):

☐ Once every 7 calendar days *and* within 24 hours of the occurrence of either:

- A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
- A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

Section A – General Information

Reduced Frequency (CGP Part 4.4):

☐ For stabilized areas: Twice during first month, no more than 14 calendar days apart; then once per month after first month until permit coverage is terminated

☐ For stabilized areas on "linear construction sites": Twice during first month, no more than 14 calendar days apart; then once more within 24 hours of the occurrence of either:

- A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
- A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

☐ For arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought: Once per month and within 24 hours of the occurrence of either:

- A storm event that produces 0.25 inches or more of rain within a 24-hour period, or
- A snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period

☐ For frozen conditions where construction activities are being conducted: Once per month

Was this inspection triggered by a storm event producing 0.25 inches or more of rain within a 24-hour period? ☐ Yes ☒ No

If "Yes," how did you determine whether the storm produced 0.25 inches or more of rain?

☐ On-site rain gauge
☐ Weather station representative of site.
Weather station location:

Total rainfall amount that triggered the inspection (inches):

Was this inspection triggered by a snowmelt discharge from a storm event producing 3.25 inches or more of snow within a 24-hour period? ☐ Yes ☒ No

If "Yes," how did you determine whether the storm produced 3.25 inches or more of snow?

☐ On-site rain gauge
☐ Weather station representative of site.
Weather station location:

Total snowfall amount that triggered the inspection (inches):

Section B – Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)					
Type and Location of E&S Control	**Conditions Requiring Routine Maintenance?[1]**	**If "Yes," How Many Times (Including This Occurrence) Has This Condition Been Identified?**	**Conditions Requiring Corrective Action?[2, 3]**	**Date on Which Condition First Observed (If Applicable)?**	**Description of Conditions Observed**
1. Street sweeper on Main Street	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The operator arranged for a street sweeper to come by the construction entrance area twice a day to minimize sediment track-out.
2. Outside of the construction entrance on Main Street	☒ Yes ☐ No	Twice	☐ Yes ☒ No	June 16, 2022	There is sediment accumulated along the curb outside of the construction entrance. Remove the sediment by the close of the next business day.
3. Perimeter control near construction entrance on Main Street	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	The area by the construction entrance lacks perimeter controls. Install perimeter controls and remove the accumulated sediment in the street.
4. Construction entrance on Main Street	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The construction entrance is functioning as intended. During future inspections, continue to monitor for accumulated sediment or displaced stone that impacts functionality.
5. Super silt fence behind stockpile	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	The super silt fence along the northern site perimeter, upgradient of the stockpile, is installed facing the wrong direction. Re-install with geotextile facing upgradient (i.e., facing the outside of the site).
6. Damaged erosion control matting on berm	☒ Yes ☐ No	Three times	☒ Yes ☐ No	May 12, 2022	In general, the erosion control matting on the berm is in good condition, but there are a few sections of matting that are damaged or displaced. This is the third time this condition has been identified on the berm, so the repair of the damaged/displaced sections of matting has been elevated to a corrective action.
7. Erosion control matting by the stockpile	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The matting is in good condition.
8. Stockpile sediment barrier	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	The stockpile does not have a sediment barrier installed on the downgradient side. Install a sediment barrier.

Section B – Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)					
Type and Location of E&S Control	**Conditions Requiring Routine Maintenance?[1]**	**If "Yes," How Many Times (Including This Occurrence) Has This Condition Been Identified?**	**Conditions Requiring Corrective Action?[2, 3]**	**Date on Which Condition First Observed (If Applicable)?**	**Description of Conditions Observed**
9. Check dam near diversion berm	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The check dam is well maintained with no evidence of scouring or erosion.
10. Vegetated swale leading to check dam	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The swale is well stabilized with matting and vegetation.
11. Dewatering system	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The valves and pipes are free of staining, cracking, leaking, and other signs of wear. There is some sediment residue and accumulated sediment in the filter bag, but there is still plenty of capacity to continue dewatering. Operator must connect the outlet pipe to the sediment tank before conducting dewatering.
12. Filter sock on First Street, across from garage entrance	☒ Yes ☐ No	Once	☐ Yes ☒ No	July 7, 2022	The filter sock is not fully covering the curb cut inlet on First Street, directly across the street from the garage entrance. Move the filter sock or add another filter sock to fully cover the curb cut inlet openings. In addition, remove the accumulated sediment adjacent to the inlet and inside the bioretention cell.
13. Filter sock on First Street, a few steps down from garage entrance	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The filter sock is in good condition and fully covers the curb cut, and there is no sediment accumulation.
14. Filter socks at the end of First Street	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	The filter socks at the end of First Street are crushed and sunk into the curb inlet. Entirely replace these filter socks.
15. Filter sock a few steps up from the end of First Street	☒ Yes ☐ No	Twice	☐ Yes ☒ No	June 9, 2022	The filter sock is displaced. Move the filter sock to fully cover the curb cut inlet.
16. Silt fence on First Street, near garage entrance	☒ Yes ☐ No	Twice	☐ Yes ☒ No	May 26, 2022	Undercut or improperly installed silt fence by garage entrance. Repair the silt fence by re-trenching the fabric. If the operator decides to replace this with a different control, change this finding to corrective action.

Section B – Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)					
Type and Location of E&S Control	**Conditions Requiring Routine Maintenance?[1]**	**If "Yes," How Many Times (Including This Occurrence) Has This Condition Been Identified?**	**Conditions Requiring Corrective Action?[2, 3]**	**Date on Which Condition First Observed (If Applicable)?**	**Description of Conditions Observed**
17. Compactor parked over an unprotected storm drain in materials storage area	☐ Yes ☒ No	Once	☐ Yes ☒ No	July 7, 2022	~~There is a compactor parked over a storm drain that doesn't have inlet protection. Move the compactor and install appropriate inlet protection.~~ Discussed with operator, inlet is abandoned in place. No corrective action is required. Update SWPPP map to reflect the status of the inlet (i.e., inactive, no controls needed).
18. Unprotected inlet in the western corner of the site, near the contractor's trailers	☐ Yes ☒ No	Once	☐ Yes ☒ No	July 7, 2022	~~This storm drain is unprotected. Must install necessary inlet protection.~~ Discussed with operator, inlet is abandoned in place. No corrective action is required. Update SWPPP map to reflect the status of the inlet (i.e., inactive, no controls needed).
19. Perimeter control along Second Street	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	There is a freshly disturbed area along Second Street without perimeter controls. Must install perimeter controls.
20. Storm drain, Second Street	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	There is an unprotected storm drain inlet on Second Street. Install necessary inlet protection.
21. Silt Fence, Second Street	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	There is a section of silt fence along Second Street that has collapsed. Replace the silt fence.
22. Storm drain at the intersection of Main Street and Second Street	☒ Yes ☐ No	Once	☐ Yes ☒ No	July 7, 2022	There is a gap in the filter fabric inside the storm drain inlet on Second Street. Repair the inlet protection so that the inlet is fully covered with filter fabric.
If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:					

[1] Routine maintenance includes minor repairs or other upkeep performed to ensure that the site's stormwater controls remain in effective operating condition, not including significant repairs or the need to install a new or replacement control. Routine maintenance is also required for specific conditions: (1) for perimeter controls, whenever sediment has accumulated to half or more the above-ground height of the control (CGP Part 2.2.3.c.i); (2) where sediment has been tracked-out from the site onto paved roads, sidewalks, or other paved areas (CGP Part 2.2.4.d); (3) for inlet protection measures, when sediment accumulates, the filter becomes clogged, and/or performance is compromised (CGP Part 2.2.10.b); and (4) for sediment basins, as necessary to maintain at least half of the design capacity of the basin (CGP Part 2.2.12.f)

[2] Corrective actions are triggered only for specific conditions (CGP Part 5.1):

1. A stormwater control needs a significant repair or a new or replacement control is needed, or, in accordance with Part 2.1.4.c, you find it necessary to repeatedly (i.e., three (3) or more times) conduct the same routine maintenance fix to the same control at the same location (unless you document in your inspection report under Part 4.7.1.c that the specific reoccurrence of this same problem should still be addressed as a routine maintenance fix under 2.1.4); or
2. A stormwater control necessary to comply with the requirements of this permit was never installed, or was installed incorrectly; or
3. Your discharges are not meeting applicable water quality standards; or
4. A prohibited discharge has occurred (see CGP Part 1.3); or
5. During the discharge from site dewatering activities:
   a. The weekly average of your turbidity monitoring results exceeds the 50 NTU benchmark (or alternate benchmark if approved by EPA pursuant to Part 3.3.2.b); or
   b. You observe or you are informed by EPA, State, or local authorities of the presence of the conditions specified in Part 4.6.3.e.

[3] If a condition on your site requires a corrective action, you must also fill out a corrective action log found at https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates. See CGP Part 5.4 for more information.

Section C – Condition and Effectiveness of Pollution Prevention (P2) Practices and Controls (CGP Part 2.3)					
Type and Location of P2 Practices and Controls	**Conditions Requiring Routine Maintenance?[1]**	**If "Yes," How Many Times (Including This Occurrence) Has This Condition Been Identified?**	**Conditions Requiring Corrective Action?[2, 3]**	**Date on Which Condition First Observed (If Applicable)?**	**Description of Conditions Observed**
1. Concrete washout near storage shed, outside of the active construction area	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	No designated concrete washout container and concrete washout on the ground. Remove and dispose of hardened concrete. Establish concrete washout container for future use.
2. Large fuel storage tank, Material Storage Area #1	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The fuel storage tank is double walled and in good condition with no signs of leaks or staining.
3. Grease stain, Material Storage Area #1	☒ Yes ☐ No	Once	☐ Yes ☒ No	July 7, 2022	There is a large grease stain in materials storage area #1. Clean up this staining using dry-clean up methods, such as scraping the surface material away and disposing properly.
4. Dumpsters, Material Storage Area #1	☐ Yes ☒ No	Twice	☒ Yes ☐ No	June 16, 2022	Uncovered, full dumpsters in the materials storage area. Empty the dumpsters before they overflow. Cover the dumpsters at the end of each business day and during storm events.
5. Materials stored next to subcontractor trailer near main construction entrance	☒ Yes ☐ No	Once	☐ Yes ☒ No	July 7, 2022	There is a metal pump sprayer by the subcontractor trailer, not under cover. Move the sprayer under cover.
6. Materials stored next to subcontractor trailer near main construction entrance	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	There isn't a spill kit kept on-site. Keep spill kits accessible throughout the site.
7. Large fuel storage tank next to subcontractor trailer near main construction entrance	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The fuel storage tank is double walled and in good condition with no signs of leaks or staining.
8. Building materials storage area	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	Uncovered pile of sand. Must cover with plastic sheeting or other temporary roofing when not in use.
9. Portable toilets in material storage area	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The portable toilets are stored on level ground away from storm drain inlets and vehicle traffic.

Section C – Condition and Effectiveness of Pollution Prevention (P2) Practices and Controls (CGP Part 2.3)					
Type and Location of P2 Practices and Controls	**Conditions Requiring Routine Maintenance?[1]**	**If "Yes," How Many Times (Including This Occurrence) Has This Condition Been Identified?**	**Conditions Requiring Corrective Action?[2, 3]**	**Date on Which Condition First Observed (If Applicable)?**	**Description of Conditions Observed**
10. Concrete washout in materials storage area	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	No designated concrete washout container and concrete washout on the ground. Concrete washout residue appears to have entered the storm drain. Remove and dispose of hardened concrete. Establish concrete washout container for future use.
11. Materials stored behind portable toilet	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	Various boxes of materials are uncovered. Cover these materials when not in use.
12. Large fuel storage tank by subcontractor trailer near the western corner of the site	☐ Yes ☒ No	-	☐ Yes ☒ No	-	The fuel storage tank is in good condition with no signs of leaks or staining. The spill containment liner under the tank is not big enough for the size tank, but is not needed because the tank is double walled.
13. Fuel containers by subcontractor trailer near the western corner of the site	☐ Yes ☒ No	Once	☒ Yes ☐ No	July 7, 2022	One small red fuel container and a larger fuel tank, stored without cover or secondary containment. If these fuel containers are full and being used, they must be moved under cover or kept in secondary containment. Update the SWPPP to show the location of the large fuel tank if it is being used.
If the same routine maintenance was found to be necessary three or more times for the same control at the same location (including this occurrence), follow the corrective action requirements and record the required information in your corrective action log, or describe here why you believe the specific condition should still be addressed as routine maintenance:					

Section D – Stabilization of Exposed Soil (CGP Part 2.2.14)					
Specific Location That Has Been or Will Be Stabilized	**Stabilization Method and Applicable Deadline**	**Stabilization Initiated?**	**Final Stabilization Criteria Met?**	**Final Stabilization Photos Taken?**	**Notes**
1. Diversion berm along the northern edge of the active construction area.	Erosion control matting	☒ Yes ☐ No If "Yes," date initiated:	☐ Yes ☒ No If "Yes," date criteria met:	☐ Yes ☒ No	Damaged erosion control matting on the diversion berm.
2. Stabilized area along fence at northern perimeter of site.	Erosion control matting and vegetation	☒ Yes ☐ No If "Yes," date initiated:	☐ Yes ☒ No If "Yes," date criteria met:	☐ Yes ☒ No	This stabilized area is in good condition.
3. Pavers behind the parking garage.	Permeable pavers and vegetation	☒ Yes ☐ No If "Yes," date initiated:	☒ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☒ No	The vegetation appears to be growing in well, and there are no cracks, sediment accumulation, or debris.
4.		☐ Yes ☐ No If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	
5.		☐ Yes ☐ No If "Yes," date initiated:	☐ Yes ☐ No If "Yes," date criteria met:	☐ Yes ☐ No	

Section E – Description of Discharges (CGP Part 4.6.2)

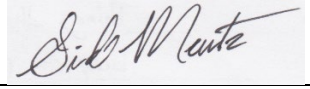
Was a discharge (not including dewatering) occurring from any part of your site at the time of the inspection?[4] ☐ Yes ☒ No

If "Yes," for each point of discharge, document the following:

- The visual quality of the discharge.
- The characteristics of the discharge, including color; odor; floating, settled, or suspended solids; foam; oil sheen; and other indicators of stormwater pollutants.
- Signs of the above pollutant characteristics that are visible from your site and attributable to your discharge in receiving waters or in other constructed or natural site drainage features.

Discharge Location	Observations
1.	
2.	
3.	
4.	
5.	

[4] If a dewatering discharge was occurring, you must conduct a dewatering inspection pursuant to CGP Part 4.3.2 and complete a separate dewatering inspection report.

Section F – Signature and Certification (CGP Part 4.7.2)	
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."	
MANDATORY: Signature of Operator or "Duly Authorized Representative:"	
Signature: 	**Date:** 7/8/2022
Printed Name: Sid Mentz	**Affiliation:** Virtual Construction Company
OPTIONAL: Signature of Contractor or Subcontractor	
Signature:	**Date:**
Printed Name:	**Affiliation:**