



# STORMWATER COMPLIANCE INSPECTION REPORT

State of Washington Department of Ecology  
15700 Dayton Ave N. Shoreline, WA 98133-9716

WADOE Stormwater  
Compliance Inspection Form

## Section A: General Data

Inspection Date 1/5/2024	Permit # WAR311752	County Snohomish	Receiving Waters Snohomish County	Inspector(s) Luis Buen Abad	Facility Type Construction
Discharges to: Surface Water <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/>					

## Section B: Facility Data

<b>Name and Location of Construction Site Inspected</b> Cathcart Crossing 14806 Highway 9 SE Snohomish WA 98290		<b>Entry Time</b> 11:00 AM	<b>Exit Time</b> 12:30 PM
<b>Site Contact</b> Steve Garka Land Development Project Manager D.R. Horton   Pacific Ridge Series 17921 Bothell-Everett Hwy., Suite 100, Bothell, WA 98012 o: 425 438-8444 m: 425-393-4349 <a href="mailto:SJGarka@pacificridgehomes.com">SJGarka@pacificridgehomes.com</a>		<b>Additional Participants:</b> Jeff T <a href="mailto:jefft@tayexinc.com">jefft@tayexinc.com</a>	
<b>Responsible Official(s):</b> Tom Allen Division VP of Construction D.R. Horton   Pacific Ridge Series 17921 Bothell-Everett Hwy., Suite 100, Bothell, WA 98012 m: 425 219-2658 <a href="mailto:tallen1@pacificridgehomes.com">tallen1@pacificridgehomes.com</a> Phone: (425) 438-8444		<div>Yes No</div> <div>Samples Taken? <input type="checkbox"/> <input checked="" type="checkbox"/></div> <div>Photos Taken? <input checked="" type="checkbox"/> <input type="checkbox"/></div>	
		Phone: ;	

## Section C: Summary of Findings/Comments

### BACKGROUND

This site is covered under Ecology's Construction Stormwater General Permit (the permit). The purpose of this inspection was to conduct a compliance inspection and to provide technical assistance as appropriate.

On December 6<sup>th</sup>, 2023, this site released turbid stormwater from the vaults. This discharge of stormwater reached the MS4, running northward on a ditch along the west side of Highway 9. The discharge may or may not have reach the Snohomish River.

According to the site inspection dated December 6 at 2:36 PM the water sample results for turbidity measured 236 NTU. According to Steve G., they decided to discharge from the vaults when the water volume reached 14 feet. Had they not manually released the stormwater, the vaults would have been overwhelmed.

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### INSPECTION

Upon arrival I met with Tom Allen, Steve Garka and Jeff T. I explained the nature of the compliance inspection.

After discussing the requirements of the permit, we walked the site for a visual inspection. It is an active site with workers and machinery. See photo log.

All the stormwater seems to be conveyed to the underground vaults (2) in the northeast corner of the site, near Highway 9. This area will eventually be converted to a playground. The stormwater can be treated by pumping it to a sedimentation pond to the South. The pond is in an adjacent property under the control of the permittee.

I observed:

Areas if exposed soil. See photo log.

Extensive areas of track-out on the street. Some areas will transport sediment to the vaults. In the access areas, the sediment may leave the job site. See photo log.

No liquids were stored on the site. Refueling of machinery is done by hand using small containers.

I reviewed the SWPPP, site map and the inspection reports for the project after we walked the site (see photo log). A sweeper was operating at the time of the inspection.

#### Section D: Compliance

Releasing turbid stormwater above 25 NTU is an exceedance of the benchmark and a violation of the Stormwater General Permit. The intent of the permit is to reduce the discharge of contaminants to waters of the state. The permittee is required to practice adaptive management when an exceedance occurs.

**Action: Describe the BMPs to implement to prevent a discharge if the volume from the vault reaches critical levels. Examples of BMPs are baker tanks and adequate dispersers. For more information consult [Ecology's Stormwater Manual for Western Washington](#). Submit a plan to Ecology by 2/15/2024.**

According to permit condition C5.a. Turbidity/Transparency and Sampling requirements are:

When turbidity result are 26 – 249 NTUs or Transparency 32 – 7 cm the Permittee must:

- i. Immediately begin the process to fully implement and maintain appropriate source control and/or treatment BMPs, and no later than 10 days of the date the discharge exceeded the benchmark. If installation of necessary treatment BMPs is not feasible within 10 days, Ecology may approve additional time when the Permittee requests an extension within the initial 10-day response period.
- ii. Review the SWPPP for compliance with Special Condition S9 and make appropriate revisions within 7 days of the date the discharge exceeded the benchmark.
- iii. Document BMP implementation and maintenance in the site log book.

I observed areas of exposed soils, including the roads. During a rain event this sediment would be picked up by the stormwater stream and conveyed to the vault. This sediment would increase the turbidity of a potential discharge from the vault during heavy rain events. The event on December 6<sup>th</sup>, 2023 highlights the need to maintain appropriate source control.

**Action:** Update and implement the SWPPP in accordance with permit requirements.

Inspect, maintain, and repair all BMPs as needed to assure continued performance of their intended function. Keep a copy of the SWPP on site and use it as a guidance document to help you comply with the permit requirements.

#### **E-SIGNATURE**

**JOSÉ LUIS BUEN ABAD**

Luis Buen Abad

Date: 1/23/2024

Water Quality Environmental Specialist

WA Department of Ecology

### Photo Addendum

Water Quality Name: Cathcart Crossing

Permit number: WAR311752

Date: 1/5/2024



Figure 1 Description: Lower portion of the job site. Facing West. The vertical work started in the west side. I am standing on top of one of the stormwater vaults.

All photos obtained during this inspection are available upon request and are representative of site conditions.

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Water Quality Name: Cathcart Crossing

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Date: 1/5/2024

**COMPLIANCE MONITORING  
SITE INSPECTION CHECKLIST**

Project Information: Permit No. WAR311752, Inspection Date: 12-6-23, Inspector: Steve G.

Will existing BMPs need to be modified or removed, or other BMPs installed? ☒ YES ☐ NO. If YES, list the action items to be completed on the following table:

Item	Action to be Completed	Date Completed
1.	Sweep Streets to Remove as much	
2.	Asphalt as possible	
3.		
4.		
5.		
6.		

Describe current weather conditions: Cloudy 50°

Approximate amount of precipitation since last inspection: 0.07 inches  
 "Total" on an on-site rain gauge or local weather data.

Describe discharging stormwater, if present. Note the presence of suspended sediment, "cloudiness", discoloration, or oil sheen. *Cloudy, no oil sheen*

Was water quality sampling part of this inspection? ☒ YES ☐ NO  
 If YES, record results below (attach separate sheet, if necessary).

Parameter	Method/Instrument	Result	Units
Turbidity	turb. meter	236	NTU (can. if tube used)
pH	paper, tit, meter	7	pH standard units

Is the site in compliance with the SWPPP and the permit requirements? ☒ YES ☐ NO  
 If no, indicate tasks necessary to bring site into compliance on the "Actions to be Completed" table above, and include dates each job WILL BE COMPLETED.

If no, has the non-compliance been reported to Dept. of Ecology? YES NO  
 If no, should the SWPPP be modified? YES NO

Sign the following certification:  
 "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief."

Inspection completed on: 12-6-23 by (print-signature): *Steve G.*

Title/Qualification of Inspector: EOC-3-10112113

How to do Stormwater Monitoring

Figure 2 Description: Site inspection checklist for December 6, 2023 by Steve G. Turbidity equals 256 NTUs

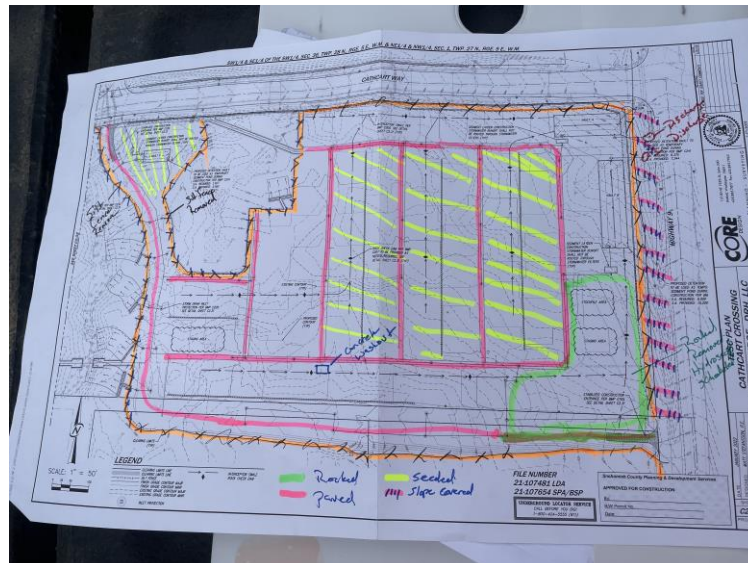


Figure 3 Description: Diagram of the stormwater conveyance system





Figure 4 Description: outfall. Are of discharge from the vaults.



Figure 5 Description: Exposed soils

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Figure 6 Description: Exposed soils



Figure 7 Description: underground vaults

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Figure: 8 Description: sidewalks in place. Soil on the road. BMPs covering the slopes on left side of the frame.



Figure: 9 Description: Installing utilities. New sidewalks.



Figure: 10 Description: road with track out



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Figure: 11 Description: Stabilized area



Figure: 12 Description: area of construction of multifamily units



Figure: 13 Description: excavation work



Figure: 14 Description: road with visible track out



Figure: 15 Description: BMPs covering soils. Track out on road



Figure: 16 Description: road with track out