 DEPARTMENT OF ECOLOGY State of Washington	<h2 style="text-align: center;">CONSTRUCTION STORMWATER GENERAL PERMIT</h2> <h3 style="text-align: center;">INSPECTION REPORT</h3> <p style="text-align: center;">State of Washington Department of Ecology</p>		
Section A: General Data			
Ecology Inspector(s): Shannon Adams Jefferson Davis	On-Site Representative Name: Grant Gehring Title: EIT – SynTier Engineering Phone: 509.339.6187 Email: grant@syntierengr.com	Inspection Date: November 1, 2021 Entry/Exit Time: 10:50/11:53	Inspection Type: Announced
		Receiving waters: Palouse Watershed	Permit webpage: Facility Summary
Section B: Background			
<p>The University Village project is covered under the State of Washington’s Construction Stormwater General Permit (CSWGP). The CSWGP is a National Pollutant Discharge Elimination System (NPDES) and a State Waste Discharge permit for discharge of construction-related stormwater. The purpose of this inspection was to conduct a compliance inspection and to provide technical assistance as appropriate.</p> <p>Grant Gehring - SynTier Engineering, was present during inspection and all observations and recommendations were discussed.</p> <p>Weather at time of inspection: Sunny</p>			
Section C: Compliance			
<p>The University Village project is permitted for 19.5 acres of soil disturbing activities. The project consist of commercial, residential, and utility installation.</p> <p>We arrived on site and met with Grant Gehring – SynTier Engineering. I first asked Grant Gehring if he had the required site documents and log book for review. He did not have the documents. He thought they may be on site in the job shack. We walked to the job shack at the lower portion of the site and requested to review these documents. They were not available. We then began walking to Debco’s job shack at the high point of the site to see if the documents were stored there.</p> <p>As we walked up to Debco job shack, we saw that soil was exposed on slopes, roads, and stockpiles. We also saw that the upper slopes of the site had erosion control blankets installed with grass beginning to establish. We saw a small pond of turbid water on the way up the slope. The water was contained on site and was not flowing.</p> <p>When we arrived at the top of the slope we met up with Lonnie Simpson with Debco. We had a brief discussion and asked if he had the required site documents. He did not.</p>			

Jefferson Davis, Grant Gehring, Lonnie Simpson, and I discussed preparing the site for wet season stabilization. I expressed my concern regarding the amount of exposed soil at the time of the inspection. I asked what they had planned. Lonnie Simpson said they had been waiting for Apex to be available to mulch and/or hydroseed the exposed soil. We had a brief discussion about straw and a backup plan if they were unable to mulch and/or hydroseed.

When we completed our site visit, we walked to the corner of Northeast North Fairway Road and Northeast Terreview Drive. We saw a catch basin located at the corner that did not have inlet protection installed. We discussed installing inlet protection.

We finished our inspection and left the site.

By the end of the day, Grant emailed me the Stormwater Pollution Prevention Plan (SWPPP). I reviewed the SWPPP on November 2, 2021. After reviewing the SWPPP, technical assistance is provided below.

The section regarding Proposed Construction Activities should provide a brief concise project description. It was unclear what is under construction.

The next item is an Ecology error in our template. The template describes "The 12 Elements". There are 13 Elements. This is our error and a piece of information I share with Permittees.

Best Management Practices (BMPs) identified in the SWPPP do not reflect the BMPs in the current 2019 Stormwater Management Manual for Eastern Washington (SWMMEW). The updated manual now depicts BMPs with an "E" at the end of the BMP to indicate Eastern Washington specific. This is important based on the difference in BMP requirements for Western and Eastern Washington.

In Table 3 – pH Modifying Sources stated there are no pH Modifying sources on the site. This would imply that there will be no concrete foundations, no sidewalks, or any other concrete related work on site. If concrete related work will be conducted on site, please update this section.

Violations listed below are based on the inspection on November 1, 2021. The Permittee provided photos of the site as of November 4, 2021. The Permittee worked diligently in the past few days to stabilize the site in preparation for the wet season. This will assist in managing stormwater through the winter. Ecology thanks you for your diligence and quick efforts in site stabilization. Photos provided taken by the Permittee's representative are included in this report.


All projects covered by the CSWGP are required to achieve all known, available, and reasonable methods of prevention control and treatment (AKART) prior to discharge of stormwater and non-stormwater to waters of the State. This includes preparation and implementation of an adequate SWPPP, with all appropriate BMPs installed and maintained in accordance with the SWPPP and the terms and conditions of the CSWGP.

Inspection Checklist

<u>Is the Permit Coverage Letter on-site?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Is a copy of the CSWGP on-site?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Is the Site Log Book Current?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Is the Site Log Book Adequate?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<u>Are Site Inspections Recorded?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Are Site Inspections Adequate?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Permittee has Prepared and Implemented a SWPPP?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>Is the SWPPP Adequate?</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<u>Violations and action required to achieve compliance</u>	<u>Complete or submit date</u>	<u>Guidance</u>
<u>S5.G.1 Access to Plans and Records</u> Failure to meet S5.G.1: The Construction Stormwater General Permit was not available onsite. Retain Plans and Records on site, or within reasonable access to the site for use by the operator or for on-site review by Ecology or the local jurisdiction.	7 days from the date of this inspection.	Ecology's Construction Stormwater General Permit
<u>S5.G.1 Access to Plans and Records</u> Failure to meet S5.G.1: The Construction Stormwater General Permit coverage letter was not available for review. Retain Plans and Records on site, or within reasonable access to the site for use by the operator or for on-site review by Ecology or the local jurisdiction.	7 days from the date of this inspection.	
<u>S4.A Site Log Book</u> Failure to meet S4.A: The site maintenance log books are not current. Retain Plans and Records on site, or within reasonable access to the site for use by the operator or for on-site review by Ecology or the local jurisdiction.	7 days from the date of this inspection.	
<u>S4.A Site Log Book</u> Failure to meet S4.A: The site maintenance log books are not adequate. Retain Plans and Records on site, or within reasonable access to the site for use by the operator or for on-site review by Ecology or the local jurisdiction.	7 days from the date of this inspection.	
<u>S4.A Site Inspections</u> Failure to meet S4.A: The site inspections are not recorded. Retain Plans and Records on site, or within reasonable access to the site for use by the operator or for on-site review by Ecology or the local jurisdiction.	7 days from the date of this inspection.	Ecology's site inspection form template .

<p><u>S9.D.4 Install Sediment Controls</u></p> <p>Failure to meet S9.D.4.b: Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting stormwater runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site., Failure to meet S9.D.4.c: Direct stormwater runoff from disturbed areas through a sediment pond or other appropriate sediment removal BMP, before the runoff leaves a construction site or before discharge to an infiltration facility. Runoff from fully stabilized areas may be discharged without a sediment removal BMP, but must meet the flow control performance standard of Special Condition S9.D.3.a. Install sediment controls to minimize the discharge of pollutants, as set forth in permit condition S9.D.4.b.</p>	<p>Immediately begin. Address the problems no later than 10 days from the date of this inspection.</p>	<p>C231E, C232E, C233E, C234E, C235E, C240E, C241E, C250E, C251E</p>
<p><u>S9.D.5 Stabilize Soils</u></p> <p>Failure to meet S9.D.5.a: The Permittee must stabilize exposed and unworked soils by application of effective BMPs that prevent erosion. Applicable BMPs include, but are not limited to: temporary and permanent seeding, sodding, mulching, plastic covering, erosion control fabrics and matting, soil application of polyacrylamide (PAM), the early application of gravel base on areas to be paved, and dust control., Failure to meet S9.D.5.d: The Permittee must not allow soils to remain exposed and unworked for more than the time periods set forth below to prevent erosion east of the Cascade Mountains Crest: During the dry season (July 1 - September 30): 10 days or; During the wet season (October 1 - June 30): 5 days., Failure to meet S9.D.5.e: The Permittee must stabilize soils at the end of the shift before a holiday or weekend if needed based on the weather forecast., Failure to meet S9.D.5.f: The Permittee must stabilize soil stockpiles from erosion, protected with sediment trapping measures, and where possible, be located away from storm drain inlets, waterways, and drainage channels. Stabilize exposed and unworked soils, including stockpiles, by application of effective BMPs to prevent erosion, as set forth in permit condition S9.D.5.a and timeline in S9.D.5.d.</p>	<p>Permittee must not allow soils to remain exposed and unworked for more than the time periods set forth below to prevent erosion: During the wet season (October 1 – June 30): 5 days from the date of this inspection.</p>	<p>C120E, C121E, C122E, C123E, C124E, C125E, C126E, C130E, C131E, C140E</p>
<p><u>S9.D.7 Protect Drain Inlets</u></p> <p>Failure to meet S9.D.7.a: Protect all storm drain inlets made operable during construction so that stormwater runoff does not enter the conveyance system without first being filtered or treated to remove sediment. Protect and maintain drain inlets, as set forth in permit condition S9.D.7.a.</p>	<p>Immediately begin. Address the problems no later than 10 days from the date of this inspection.</p>	<p>C220E</p>

<u>S9.D.12 Manage the Project</u> Failure to meet S9.D.12.b: Inspect, maintain and repair all BMPs as needed to assure continued performance of their intended function. Conduct site inspections and monitoring in accordance with Special Condition S4., Failure to meet S9.D.12.c: Update, and implement the SWPPP in accordance with Special Conditions S3, S4 and S9. Manage the Project to include inspecting, maintaining and repairing BMPs as needed and maintaining the SWPPP, as set forth in permit conditions S9.D.12.a and S9.D.12.c.	Immediately begin. Address the problems no later than 10 days from the date of this inspection.	C150E , C160E , C162E
<p>For assistance with any of these compliance issues or recommendations regarding BMPs, please see the 2019 Stormwater Management Manual for Eastern Washington (SWMMEW), Chapter 7, Construction Stormwater Pollution Prevention which includes BMPs for Source Control and Runoff Conveyance and Treatment BMPs. The full SWMMEW is available online.</p> <p>The Department of Ecology has the authority to issue formal enforcement actions including issuance of orders and civil penalties of up to \$10,000 per day per violation for violations of your NPDES permit and/or state laws and regulations.</p> <p><i>Noncompliance with the limits, monitoring requirements, terms and/or conditions established in your permit may result in formal enforcement action by the Department of Ecology.</i></p>		
<div>Ecology Inspector (signature): </div> <div>Ecology Inspector (print name): Shannon Adams</div> <div>Department of Ecology</div> <div>Eastern Regional Field Office</div> <div>4601 N Monroe Street</div> <div>Spokane, WA 99205</div> <div>(509) 570-8783</div> <div>Date: November 5, 2021</div>		

All photos taken by Shannon Adams

Photo 1

Photo Description: Erosion control blanket installed on slope.



Date:2021/11/01 Time:10:59:20 Lat:46.74179444444444 Long:-117.14824722222222 Direction degrees:195.37385554425228

Photo 2

Photo Description: Exposed soil.



Date:2021/11/01 Time:10:59:25 Lat:46.741791666666664 Long:-117.14824722222222 Direction degrees:123.64352797060025

Photo 3

Photo Description: Exposed soil.



Date:2021/11/01 Time:10:59:27 Lat:46.74179444444444 Long:-117.1482388888889 Direction degrees:85.97323600973236

Photo 4

Photo Description: Exposed soil.



Date:2021/11/01 Time:11:03:19 Lat:46.7420722222223 Long:-117.1464472222224 Direction degrees:348.0987243483084

Photo 5

Photo Description: Exposed soil and turbid stormwater ponded on site.



Date:2021/11/01 Time:11:04:53 Lat:46.7446444444445 Long:-117.1485527777778 Direction degrees:250.87672413793103

Photo 6

Photo Description: Exposed soil and erosion control blanket.



Date:2021/11/01 Time:11:05:48 Lat:46.74146666666667 Long:-117.14617222222223 Direction degrees:92.26254844729412

Photo 7

Photo Description: Turbid stormwater ponded on site.



Date:2021/11/01 Time:11:06:48 Lat:46.74151111111111 Long:-117.14575277777779 Direction degrees:95.60822117133503

Photo 8

Photo Description: Erosion control blanket above golf course.



Date:2021/11/01 Time:11:08:28 Lat:46.7413777777778 Long:-117.1449138888889 Direction degrees:267.67709335899906

Photo 9

Photo Description: Erosion control blanket above golf course.



Date:2021/11/01 Time:11:08:33 Lat:46.74137777777778 Long:-117.1449138888889 Direction degrees:147.07419590643275

Photo 10

Photo Description: Exposed soil and ponded turbid stormwater.



Date:2021/11/01 Time:11:11:08 Lat:46.7414638888889 Long:-117.1454861111111 Direction degrees:286.6073458679493

Photo 11

Photo Description: Exposed soil and ponded turbid stormwater.



Date:2021/11/01 Time:11:19:04 Lat:46.74136666666664 Long:-117.14576666666667 Direction degrees:19.167572016460905

Photo 12

Photo Description: Erosion control blanket with grass establishing. Exposed soil.



Date:2021/11/01 Time:11:29:57 Lat:46.74084166666667 Long:-117.14652222222223 Direction degrees:252.5141146278871

Photo 13

Photo Description: Exposed soil.



Date:2021/11/01 Time:11:29:59 Lat:46.740825 Long:-117.14654444444444 Direction degrees:315.54104620084

Photo 14

Photo Description: Exposed soil.



Date:2021/11/01 Time:11:48:20 Lat:46.74218055555556 Long:-117.14981944444445 Direction degrees:229.8258056640625

Photo 15

Photo Description: Exposed soil near drainage area and soil in ditch conveyance.



Date:2021/11/01 Time:11:48:46 Lat:46.74220000000004 Long:-117.14981944444445 Direction degrees:123.07035059205944

Photo 16

Photo Description: Drainage area.



Date:2021/11/01 Time:11:49:13 Lat:46.74224444444445 Long:-117.14995555555556 Direction degrees:194.68749235847903

Photo 17

Photo Description: No inlet protection.



Date:2021/11/01 Time:11:49:58 Lat:46.74257222222222 Long:-117.15053611111112 Direction degrees:304.620239390642

Photo 18

Photos Provided by Linda Applington – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil.

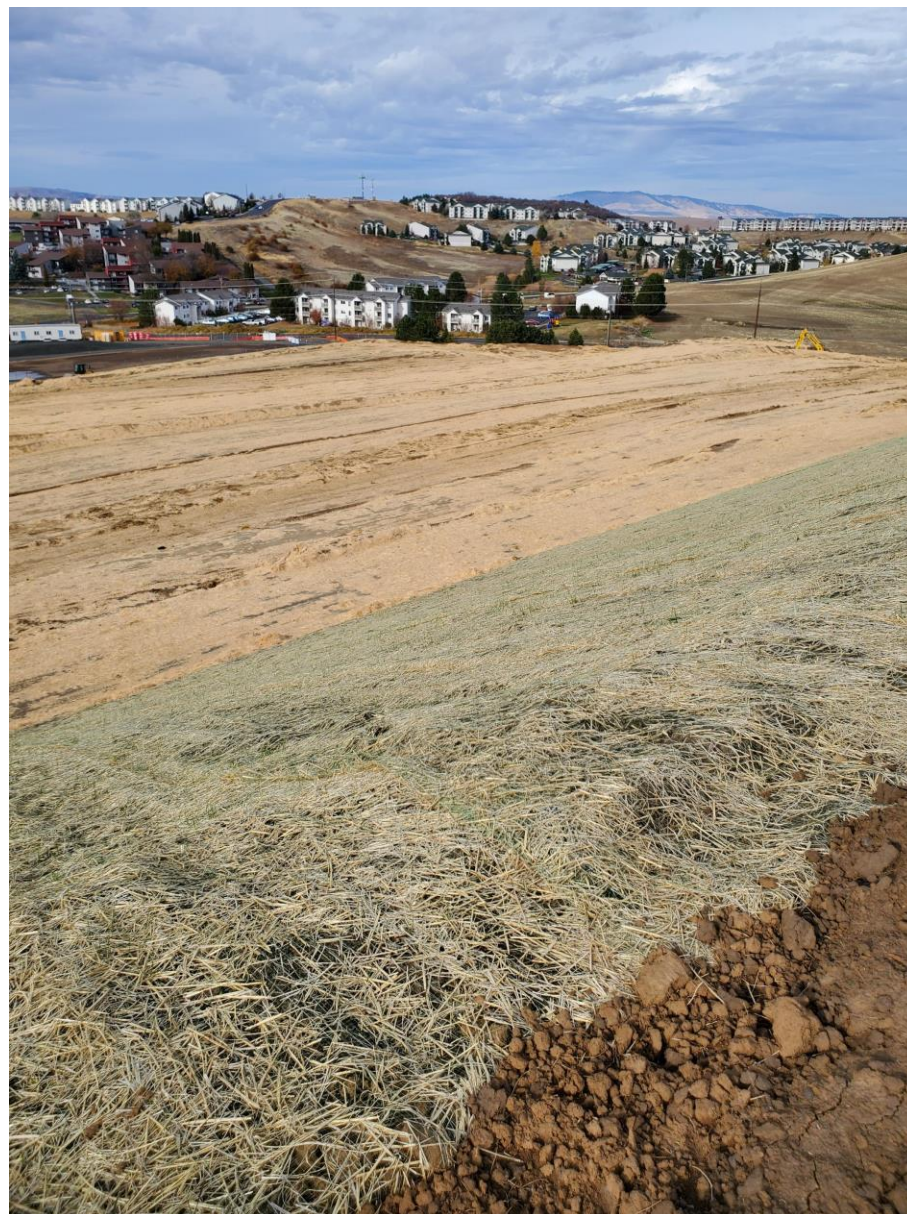


Photo 19

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil and erosion control blanket.



Photo 20

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil and erosion control blanket.



Photo 21

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil and erosion control blanket.



Photo 22

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil and erosion control blanket.



Photo 23

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil.



Photo 24

Photos Provided by Lonnie Simpson – Debco. Photo Description: Site on November 4, 2021. Straw applied to exposed soil.

