

Clean Water Act (CWA) Inspection Report

Inspection Entry Date/Time	02/13/2024 10:00 AM (PST)	Announced: No		
Inspection Exit Date/Time	02/13/2024 12:00 PM (PST)	Access: Granted		
Weather	Partly Cloudy, 42° F			
Media	Water			
Statute(s)/Program(s)	Clean Water Act, NPDES, Stormwater – Construction			
Type of Inspection	CEI - Compliance Evaluation Inspection			
Permittee Name	KM2 Contractors, Inc. / Mainvue WA, LLC			
General Contractor	Omni Construction, LLC			
Project or Site Name	Fagerlie Subdivision			
Project/Site Physical Address	12014 20 th Street, SE, Lake Stevens, Washington, 98258			
County/Borough/Parish	Snohomish County			
Facility GPS Coordinates	47. 97696 N -122.06949 W			
Permittee Mailing Address	10515 20 th Street SE, Suite 202, Lake Stevens, Washington 98258			
FRS ID	110071506200			
Permit Number	WAR312688			
NAICS	238910 (Site Preparation Contractors)			
Inspection Contacts:				
Organization	Name	Title	Present in Opening Conf.	Present in Closing Conf.
EPA Region 10	Jon Klemesrud	Lead Inspector	Yes	Yes
WA Ecology	Megan Junod	Inspector	Yes	Yes
Land Pro Group, Inc.	Mark Villwock	VP Land Development	Yes	Yes
Land Pro Group, Inc.	Andrea Marquez	Representative	Yes	No
Omni Construction, LLC	Matt Mausser	Project Superintendent	Yes	Yes
Omni Construction, LLC	Spencer McKinnon	Project Manager	Yes	No
Omni Construction, LLC	Tim Murphy	Representative	Yes	No
EPA Inspector Signature/Date	JON KLEMESRUD		Digitally signed by JON KLEMESRUD Date: 2024.04.04 10:16:56 -07'00'	
	Jon Klemesrud			
Supervisor Signature/Date	PETER CONTRERAS		Digitally signed by PETER CONTRERAS Date: 2024.04.04 10:53:36 -07'00'	
	Peter Contreras, Chief FDDWES			

This inspection report is based on information supplied by conversations with Mr. Mark Villwock, Mr. Matt Mausser, Mr. Tim Murphy, or direct observations made at the time of the inspection, and records and reports maintained by the permittee and/or general contractor. This inspection report may also include information gathered from a review of EPA, State, and/or public records.

SECTION I – INTRODUCTION

Entry and Inspection Chronology

This was an unannounced inspection; I was joined on the inspection by Washington State Department of Ecology (Ecology) inspector Megan Junod. At approximately 9:00AM on the day of the inspection, I called and spoke with Mr. Patrick McCourt, with KM2 Contractors, Inc. Mr. McCourt is listed on the project's most recent Transfer of Coverage as the current operator/permittee (**Attachment A**). I introduced myself and discussed that I had been asked to conduct an on-site inspection at the Fagerlie Subdivision construction project to assess compliance with the project's coverage under Ecology's Construction Stormwater General Permit (CGP). I explained that the inspection was in coordination with Ecology and would include a walk-through of the construction site and a review of permit related documents. Mr. McCourt stated that he would pass the phone to the construction manager, Mr. Mark Villwock, VP Land Development with Land Pro Group, Inc., who happened to be sitting beside him. Mr. Villwock picked up the phone and I restated the purpose of my call. Mr. Villwock discussed that the construction site was active and welcomed the inspection; however, he discussed that most on-site staff/contractors were currently in a CPR class being held off-site. Mr. Villwock stated he would make a few phone calls and call me back shortly to confirm someone could be available on-site. Approximately 5-minutes later, I received a call back from Mr. Villwock, he explained that he and Project Superintendent, Mr. Matt Mausser, with Omni Construction, LLC would be able to join on-site. We agreed to meet at 10:00AM.

Ms. Junod (Ecology) and I arrived on-site at approximately 10:00AM, we were greeted by Mr. Villwock and Mr. Mausser within a small parking area outside the job-site trailer. Also present were Ms. Andrea Marquez of Land Pro Group, Inc., and Mr. Spencer McKinnon and Mr. Tim Murphy of Omni Construction, LLC.

Following our initial introductions, I presented my EPA credentials and discussed the purpose and expectations of the inspection and provided my business card. I also provided a copy of EPA's Small Business Resources Information Sheet to Mr. Villwock. We had a brief discussion regarding the project's general timeline and recent activities. It was discussed that frontage work was recently completed, select portions of the site had been graded and some retaining walls were being constructed. In addition, larger tree clearing activities had recently started the week prior. Mr. Villwock discussed that much of the site had remained stabilized over the winter as a best management practice (BMP). It was discussed that the general contractor, Omni Construction, LLC had been on-site since the end of October 2023. General construction activities including stormwater BMP implementation and maintenance is managed on-site by Omni Construction, LLC. Terra Associates, Inc. is used for the majority of CESCL duties, including routine site inspections and stormwater sampling/monitoring.

The inspection consisted of an opening conference, a walk-through of the construction site, a records review and concluded with a closing conference. Portions of the record review also occurred post-inspection, as discussed in Section III of this inspection report. During the closing conference we discussed our observations during the walk-through, potential compliance concerns and next steps. We were accompanied throughout the inspection by Mr. Mr. Villwock and Mr. Mausser. Ms. Marquez, Mr. McKinnon, and Mr. Murphy were present for the opening conference and portions of the walk-through.

Project History

The Fagerlie Subdivision construction project (hereinafter referred to as the "Project") is permitted to discharge stormwater to the Pilchuck River under the CGP coverage, the permit tracking number assigned to the project is WAR312688. Based upon my review within Ecology's Permitting and Reporting Information System (PARIS), the initial permit application (notice of intent) was submitted by Mr. Ryan Larsen of JM1 Holdings LLC. Permit coverage was effective on August 14, 2023, and then subsequently transferred to KM2 Contractors, Inc. on September 11, 2023. No prior EPA/Ecology inspection/enforcement activity had been previously documented.

SECTION II – OBSERVATIONS

Site Review

The Project consists of developing a 12.69 acres site into a housing subdivision, including 52 single-family homes and 14 town-home buildings. According to the Project's Stormwater Pollution Prevention Plan (SWPPP), the original proposal included 54 single-family homes and 5 town-home buildings. The development will disturb 12.55 acres. See **Attachment B**, Site Plans. Prior to construction, the acreage included several structures, and light to dense forest associated with wetland areas.

Development also includes public-rights-of-way, associated driveways, utilities, and landscaping. Construction activities over the life of the Project generally include site preparation, demolition, excavation and grading, wet and dry utilities, stormwater detention, sidewalks, roadways, drive aisles, and landscaping.

Stormwater infrastructure includes a primary collection system (underground pipes and a series catch basins) that convey runoff to an engineered infiltration/detention pond located in the southeast corner of the project. During the construction phase, the infiltration/detention pond being used a temporary infiltration/detention pond. The infiltration/detention pond has an overflow device that is designed to discharge just south of the pond to a roadside ditch along Williams Road. The Pilchuck River is located east of the Project, downslope of the roadside ditch.

At the time of inspection, perimeter silt fencing had been installed, construction/site access had been completed, the infiltration/detention pond and associated catch basins had been installed, and select portions of the site had been cleared and graded with base material (rock) applied around the central staging areas. Construction was occurring on both sides of Williams Road. As discussed earlier in this report, more recent activities included the construction of select retaining walls and larger scale clearing activities/tree work. Construction was on-track to be completed in the fall of 2025.

Following the opening conference, we began the site walk-through at the construction entrance. Photographs taken during the walk-through are attached to this inspection report as **Attachment C**, Photograph Log.

Walk-Through Observations:

Location: 20th Street SE Construction Areas

Observation #: OB-001

Primary site access is from 20th Street SE. We first observed the main access road and northern construction areas along 20th Street SE. We observed the recent construction activity along the frontage areas and observed perimeter silt fencing along the northern areas of the property (**Photo 1 & Photo 2**). Roadside catch basins were equipped with sediment filters. It was discussed that most of the catch basins installed are currently connected to the stormwater pond. Minimal track-out was observed along 20th Street SE, but it was discussed that the construction entrance could be improved to help minimize material leaving the site (**Photo 3**). Mr. Murphy discussed that he just graded a portion of the site entrance to allow the street sweeper to enter/exit, as the on-site sweeper was having difficulty entering/exiting with the larger aggregate. I acknowledged that we observed Mr. Murphy grading the entrance and street sweeper operating while entering the construction site.

We continued east along the new frontage areas of 20th Street SE (**Photo 4**) and observed additional frontage landscape areas under construction. BMPs observed included silt fencing, straw application and plastic tarps used for covering exposed slopes and stockpiles (**Photo 5**). We observed one roadside catch basin that was being piped to discharge on-site rather than tied into the stormwater pond. Mr. Villwock discussed the piping was a temporary measure to promote on-site infiltration rather than contribute additional stormwater to the infiltration/detention pond (**Photo 6 & Photo 7**). It was discussed that additional BMPs could be used at the catch basin pipe's discharge location to minimize contact with exposed soils, including an unstabilized stockpile.

Location: Williams Road Construction Areas**Observation #:** OB-002

We continued east along 20th Street SE and arrived at Williams Road near the northeast corner of the project. We observed more frontage areas under construction on the western side of Williams Road (**Photo 8**). We then crossed Williams Road and observed “Lot 50” under recent construction (**Photo 9**), we observed two areas of perimeter silt fencing in need of maintenance (**Photo 10 & Photo 11**).

We continued south to the frontage areas on the western side of Williams Road, west of the stormwater pond. Mr. Villwock discussed that the two roadside catch basins within the area are not tied into the stormwater pond, the upper catch basin on the east side of Williams Road connects to the lower catch basin on the west side of Williams Road. It was discussed that the stormwater from the two catch basins discharge collectively to the Williams Road ditch via temporary piping. Rock was installed at the discharge location as well as a series of straw waddles staked within the roadside ditch. (**Photo 12 & Photo 13**).

Location: Stormwater Pond & Discharge Location(s)**Observation #:** OB-003

We again crossed Williams Road and observed the project’s stormwater pond. It was discussed that the pond’s overflow/discharge structure was yet to be completed, we observed perimeter silt fencing installed around the pond as well as permanent chain-link fencing (**Photo 14**). The Project’s “Lot 50” is located north of the pond, beyond a vegetated area outside the Project’s boundary (**Photo 15**). Additional BMPs observed near the pond included plastic sheeting for large unstabilized areas, established hydro-seeding, and straw covering (**Photo 16**). One area of perimeter silt fencing was observed to be in need of maintenance (**Photo 17**).

We observed the pond’s partially completed overflow vault. The vaults opening was covered by sheet of plywood at the time of inspection. Upon removing the plywood and viewing inside the vault, we observed stormwater to be flowing from the pond through the vault (**Photo 18 – Photo 21**). It was discussed that as outfall piping had yet to be constructed, stormwater discharging from the pond is believed to be infiltrating within a rock area subsurface near the vault. The infiltration area would be occurring south of the pond and northwest of the Williams Road ditch. No stormwater was observed within the north Williams Road ditch (**Photo 22**).

We then crossed Williams Road to the south and observed the Project’s current monitoring/sampling location, a discharge pipe south of Williams Road within the roadside ditch, east of the intersection of Williams Road and 122nd Drive SE (**Photo 23**). It was noted that the Omni Construction, LLC staff were unsure of the discharge/monitoring location at the time of inspection. At this time Mr. Villwock called the Project’s current CESCL representative/consultant, Mr. James Mays-Mclver of Terra Associates, Inc. to confirm the current monitoring/sampling point location. It was discussed that a discharge pipe was selected as the monitoring point as it would capture any stormwater not infiltrating from the west side of Williams Road, including from the two Williams Road catch basins not currently routed to the stormwater pond. It was discussed that Mr. Mclver also observes the ditch on the north side Williams Road to confirm no discharge to the ditch from the stormwater pond’s current infiltration area.

Location: Central Construction Areas**Observation #:** OB-004

Following our time at the stormwater pond and discharge location we continued west, through the central construction areas west of Williams Road. Most of the area had yet to be cleared in an effort to minimize potential erosion from the steep slopes (**Photo 24**). We continued west and along the southern perimeter and observed recently cleared areas and a wooded debris stockpile of areas from the recent tree clearing activities

(Photo 25 & Photo 26). We observed perimeter silt-fencing extending across portions of the southern perimeter. The inspection walk-through concluded after viewing the recent retaining/rock wall construction activity along the southwest corner of the Project **(Photo 27)**. We arrived back at the main parking area and began the records review on the tailgate of Mr. Mausser's vehicle.

SECTION III – RECORDS REVIEW

Records may not be in sequential order.

Record: Stormwater Pollution Prevention Plan (SWPPP)

Reference #: RR-001

The Project's SWPPP binder was located within the job-site trailer and was brought out by Mr. Mausser. The SWPPP was prepared by LDC Inc. in Woodinville, Washington with a prepared date of May 2023. The SWPPP narrative include the 13 required elements contained with the permit. The SWPPP also included an agreement memo from Terra Associates, Inc. for the CECL monitoring work **(Photo 28)**. I suggested updating the SWPPP to include the current CESCL, Mr. Mays-McIver's contact information and the current/observed discharge/monitoring location(s). An electronic copy of the updated SWPPP was provided my Mr. Villwock post-inspection on February 16, 2024.

Record: SWPPP Site Map

Reference #: RR-002

The Project's Site Map was located within the SWPPP binder. The only BMP outlined on the Site Map was the perimeter silt fencing **(Photo 29)**. Mr. Mausser discussed that he was behind in updating the Site Map contained within the SWPPP. It was also noted that the sampling/monitoring location(s) were not identified within the Site Map. We discussed the permit required contents of the Site Map and the tracking of BMP implementation and maintenance.

Record: Routine Site Inspection Reports

Reference #: RR-003

Routine Site Inspection Reports were available at the time of inspection and contained within the SWPPP binder. The first inspection was conducted on October 31, 2023. It was discussed that site inspection reports are generated electronically via a checklist by Terra Associates, Inc. and then emailed/printed to remain on-site. Site inspections were primarily conducted by Mr. Mays-McIver. It was noted that Routine Site inspection Reports for February 2024 had yet to be printed and were not included within the SWPPP binder. Mr. Villwock provided February 2024 Routine Site Inspection Reports (to-date) via email on February 16, 2024.

Site Inspection Reports reviewed occurred on the following dates: 10/31/2023, 11/03/2023, 11/06/2023, 11/22/2023, 11/29/2023, 12/01/2023, 12/04/2023, 12/05/2023, 12/06/2023, 12/7/2023, 12/08/2023, 12/11/2023, 12/18/2023, 12/21/2023, 12/27/2023, 01/03/2024, 01/10/2024, 01/25/2024, 02/01/2024, 02/08/2024, 02/14/2024.

It was noted that on 12/05/2023, a turbidity sample was recorded at 232 NTUs, on 12/06/2023, a turbidity sample was recorded at 119 NTUs, on 12/07/2023 a turbidity sample was recorded at 122 NTUs and on 12/08/2023, a turbidity sample was recorded at 73 NTUs.

Record: Discharge Monitoring Reports (DMRs)

Reference #: RR-004

DMR's for the Project were reviewed pre-inspection using Ecology's Permitting and Reporting Information System (PARIS). I reviewed DMR's applicable at the time of inspection (September 2023 – December 2023).

DMR's were submitted by Mr. McCourt. The review indicated that a DMRs was not received for September 2023, the October 2023 and November DMRs were submitted on December 15, 2023. The December 2023 DMR was submitted on January 10, 2024.

The review indicated reported benchmark exceedance (> 25 NTUs) on December 7, 2023 (122 NTUs) and on December 8, 2023 (73 NTUs).

SECTION IV – SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling was conducted for this inspection.

SECTION V - AREAS OF CONCERN

Area(s) of Concern may not be in sequential order.

The presentation of Area(s) of Concern (AOC) does not constitute a formal compliance determination or violation.

AOC Reference #: AOC-001	Records Reference #: RR-003 & RR-004 (Discharge Monitoring Reports and Routine Site Inspection Reports)
Regulation and/or Permit Requirement:	
Permit Condition S5.B. states: <i>“Permittees required to conduct water quality sampling in accordance with Special Conditions (S4.C (Turbidity/Transparency), S4.D (pH), S8 (303[d]/TMDL sampling), and/or G12 (Additional Sampling) must submit the results to Ecology. Permittees must submit monitoring data using Ecology’s WQWebDMR web application accessed through Ecology’s Water Quality Permitting Portal.”</i> <i>“Permittees must submit DMR forms to be received by Ecology within 15-days following the end of each month.”</i>	
AOC: As discussed earlier within this report, DMR's for the Project were reviewed pre-inspection using Ecology's Permitting and Reporting Information System (PARIS). The concern is that the October 2023 DMR was submitted on December 15, 2023, past the 15-days following the end of each month requirement. Additionally, when reviewing Routine Site Inspection Reports and DMRs for the Project, it was noted that a turbidity sample was recorded at 232 NTUs on 12/05/2023, and 119 NTUs on 12/06/2023 but not included within the DMR. The concern is that the two December sampling events were not reported. See Attachment D, 12/05/2023 and 12/06/2023 Routine Site Inspection Reports and December 2023 DMR.	

AOC Reference #: AOC-002	Records Reference #: RR-002 (SWPPP Site Map) Location Reference # OB-003 (Discharge Location)
Regulation and/or Permit Requirement:	
Permit Condition S9.E. discusses the contents requirement of the SWPPP Site Map, including: Permit Condition S9.E.5. <i>“Locations of structural and nonstructural controls (BMPs) identified in the SWPPP.”</i> Permit Condition S9.E.9. <i>“Location of water quality sampling station(s), if sampling is required by state or local permitting authority.”</i> Permit Condition S9.D.12.c. <i>“Maintain, update, and implement the SWPPP in accordance with Special Conditions S3, S4, and S9.”</i>	
AOC: As discussed earlier within this report, the Project's Site Map was reviewed at the time of inspection. The only BMP outlined on the Site Map was the perimeter silt fencing (Photo 29). Mr. Mausser discussed that he	

was behind in updating the Site Map. It was also noted that the discharge/monitoring location(s) were not identified within the Site Map. Additionally, at the time of inspection during the site walk-through near the stormwater pond, Omni Construction, LLC staff were unsure of the current discharge/monitoring location.

The concern is that the Project's Site Map did not include all the required elements discussed within the permit, including current BMPs and the discharge/monitoring location(s). The concern is also that the Project's current discharge/monitoring location(s) was initially unknown at the time of inspection by construction management staff overseeing the implementation of stormwater controls/measures.

Post-inspection on February 21, 2024, Mr. Villwock provided an updated Site Map via email (**Attachment E**). The updated site map included current BMPs and discharge/monitoring locations.

AOC Reference #: AOC-003	Location Reference #: OB-002, Williams Road Construction Areas Location Reference #: OB-003, Stormwater Pond Construction Areas
Regulation and/or Permit Requirement:	
Permit Condition S9.D.11.a states: <i>“Permittees must maintain and repair all temporary and permanent erosion and sediment control BMPs as needed to assure continued performance of their intended function in accordance with BMP specifications.”</i> <i>The Stormwater Management Manual for Western Washington (July 2019) lists maintenance standards for BMP C233 (Silt Fence) which includes: “Remove sediment deposits when the deposit reaches approximately one-third the height of the silt-fence or install a second silt-fence.</i> Permit Condition S9.D.5.a. states: <i>“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.”</i> Permit Condition S9.D.5.f. states: <i>“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.</i>	
AOC: As discussed earlier within this report, during the site walk-through we observed three separate sections of silt fence in need of maintenance (Photo 10, Photo 11 & Photo 17). We also observed an exposed and unworked stockpile near the diverted drainage channel from a 20th Street SE roadside catch basin (Photo 7). The concern is the observed BMP in need of maintenance based upon the written standard, and the exposed/unworked stockpile near the diverted drainage channel from the 20th Street SE roadside catch basin. Post-inspection on February 21, 2024, Mr. Villwock provided photographs via email of the maintenance performed in response to the inspection, including the identified areas of silt fencing and the covering of the identified stockpile (Attachment F).	

SECTION VI – CLOSING CONFERENCE AND POST INSPECTION CORRESPONDENCE

Closing Conference

Following the walk-through of the construction areas, a closing conference was held with Mr. Villwock and Mr. Mausser. Mr. Murphy and Mr. McKinnon were present for portions of the closing conference. We discussed our general observations and AOC-002 and AOC-003. We also discussed the follow-up records request for the February 2024 (to-date) Site Inspection Reports.

Post Inspection Correspondence

As discussed earlier in this report, post-inspection on February 16, 2024, I received an email from Mr. Villwock containing the February 2024 (to-date) Site Inspection Reports and an electronic copy of the SWPPP. On February 21, 2024, I received an email from Mr. Villwock containing photographs of BMP maintenance performed in response to the inspection as well as an updated copy of the SWPPP Site Map. On April 1, 2024, I called Mr. Villwock and requested copies of select December 2023 Routine Site Inspection Reports, which were subsequently provided by Mr. Villwock via email on April 1, 2024.

SECTION VII – LIST OF APPENDICES

Attachment A – Transfer of Coverage

Attachment B – Site Plans

Attachment C – Photograph Log

Attachment D – 12/05/2023 and 12/06/2023 Routine Site Inspection Reports & December 2023 DMR

Attachment E – Updated Site Map

Attachment F – Post-Inspection Photographs of BMP Maintenance Performed in Response to the Inspection

Attachment A

Transfer of Coverage



Transfer of Coverage

Permit # WAR312688

Construction Stormwater General Permit

This form transfers permit coverage for all, or a portion
of a site to one or more new operators.

Type of permit transfer (check one): ☐ Partial transfer (complete the Partial Transfer acreage below) ☒ Complete transfer

Specific date that permit responsibility, coverage, and liability is transferred to new operator: 9/11/2023

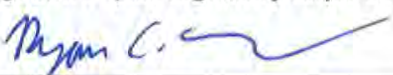
**If no date is indicated Ecology will determine the date of transfer.*

Please see instructions for details on type of transfer.

For PARTIAL TRANSFERS indicate the acreage remaining under your operational control:

- List **total size of project/site** remaining under your operational control following the **partial transfer**: 0 acres.
- List **total area of soil disturbance** remaining under your operational control following the **partial transfer**: 0 acres.
- Submitting this form meets the requirement to submit an updated NOI (General Permit Condition G9)

Current Operator/Permittee Information

Current Operator/Permittee Name: Ryan Larsen		Company: JM1 Holdings, LLC	
Business Phone:	Ext:	Mailing Address: 10515 20th St SE, Ste 202	
Cell Phone: 360-631-1820	Fax (optional):		
Email: rlarsen@landprogrp.com	City: Lake Stevens	State: WA	Zip+4: 98258
Signature* (see signatory requirements in Section VIII): 		Title: Authorized Representative Date: <u>09/12/2023</u>	

New Operator/Permittee Information

(the remainder of this form applies to the **new** Operator/Permittee)

I. New Operator/Permittee (Party with operational control over plans and specifications or day-to-day operational control of activities which ensure compliance with Stormwater Pollution Prevention Plan (SWPPP) and permit conditions. Ecology will send correspondence and permit fee invoices to the permittee on record.)

Name: Patrick McCourt		Company: KM2 Contractors, Inc.	
Business Phone: (425) 551-7600	Ext:	Unified Business Identifier (UBI): 604-826-522 (UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)	
Cell Phone (Optional): (425) 308-5101	Fax (Optional):	E-mail: pmccourt@landprogrp.com	
Mailing Address: 10515 20th Street SE, Suite 202	City: Lake Stevens	State: WA	Zip + 4: 98258

II. Property Owner (The party listed on the County Assessor's records as owner and taxpayer of the parcel[s] for which permit coverage is requested. Ecology will **not** send correspondence and permit fee invoices to the Property Owner. The Property Owner information will be used for emergency contact purposes.)

Name: Vanessa Normandin		Company: Mainvue WA, LLC	
Business Phone: (425) 646-4022	Ext:	Unified Business Identifier (UBI): 603-525-194 (UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)	
Cell Phone (Optional):	Fax (Optional):	E-mail: vanessa.normandin@mainvuehomes.com	
Mailing Address: 121 3rd Avenue	City: Kirkland	State: WA	Zip + 4: 98033

III. On-Site Contact Person(s) (Typically the Certified Erosion and Sediment Control Lead or Operator/Permittee)				
Name: Andrea Marquez		Company: KM2 Contractors, Inc.		
Business Phone: (425) 551-7600	Ext:	Mailing Address: 10515 20th Street SE, Suite 202		
Cell Phone: (928) 919-4330	Fax(Optional):	City: Lake Stevens	State: WA	Zip+4: 98258
Email: am Marquez@landprogrp.com				
IV. Site/Project Information				
Site or Project Name Fagerlie Subdivision		Site Acreage Total size of your site/project (that you own/control): <u>12.69</u> acres. (Note: 1 acre = 43,560 sq. ft.)		
Street Address or Location Description (If the site lacks a street address, list its specific location. For example, Intersection of Highway 61 and 34.) 12014 20th Street SE		Total area of soil disturbance for your site/project over the life of the project: <u>12.55</u> acres. Include grading, equipment staging, excavation, borrow pit, material storage areas, dump areas, haul roads, side-cast areas, off-site construction support areas, and all other soil disturbance acreage associated with the project. (Note: 1 acre = 43,560 sq. ft.)		
Parcel ID#: _____ (Optional)				
Type of Construction Activity (check all that apply): ☒ Residential ☐ Commercial ☐ Industrial ☐ Highway or Road (city, county, state) ☒ Utilities (specify): <u>Storm, sewer, water, power connections</u> ☐ Other (specify): _____				
City (or nearest city): Lake Stevens	Zip Code:	Estimated project start-up date (mm/dd/yy): 9/11/2023		
County: Snohomish	98258	Estimated project completion date (mm/dd/yy): 9/11/2025		
Record the latitude and longitude of the <i>main entrance</i> to the site or the approximate center of site.				
Latitude: <u>47.97696</u> °N		Longitude: <u>-122.06949</u> °W		
V. Existing Site Conditions				
1. Are you aware of contaminated soils present on the site? ☐ Yes ☒ No 2. Are you aware of groundwater contamination located within the site boundary? ☐ Yes ☒ No 3. If you answered yes to questions 1 or 2, will any contaminated soils be disturbed or will any contaminated groundwater be discharged due to the proposed construction activity? ☐ Yes ☐ No ("Contaminated" and "contamination" here mean containing any hazardous substance (as defined in WAC 173-340-200) that does not occur naturally or occurs at greater than natural background levels.) If you answered yes to Question 3, please provide detailed information with the NOI (as known and readily available) on the nature and extent of the contamination (concentrations, locations, and depth), as well as pollution prevention and/or treatment Best Management Practices (BMPs) proposed to control the discharge of soil and/or groundwater contaminants in stormwater. This should include information that would be included in related portions of the Stormwater Pollution Prevention Plan (SWPPP) that describe how contaminated and potentially contaminated construction stormwater and dewatering water will be managed.				

VI. WQWebDMR (Electronic Discharge Monitoring Reporting)

You must submit monthly discharge monitoring reports using Ecology's WQWebDMR system. To sign up for WQWebDMR, or to register a new site, go to <https://www.ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance>. If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WQWebDMR. To have the ability to use the system immediately, **you must submit the Electronic Signature Agreement with your transfer of coverage form.** If you have questions on this process, contact Ecology's WQWebDMR staff at WebDMRPortal@ecy.wa.gov or 800/633-6193 or 360-407-7097 (local). Note: DMRs are optional for permitted sites under 1 acre that do not discharge to impaired waterbodies.

VII. Discharge/Receiving Water Information

Indicate whether your site's stormwater and/or dewatering water could enter surface waters, **directly and/or indirectly**.

☒ Water will discharge directly or indirectly (through a storm drain system or roadside ditch) into one or more surface waterbodies (wetlands, creeks, lakes, and all other surface waters and water courses).

If your discharge is to a storm sewer system, provide the name of the operator of the storm sewer system:

(e.g., City of Tacoma): _____

☐ Water will discharge to ground with 100% infiltration, with no potential to reach surface waters under any conditions.

If your project includes dewatering, you **must** include dewatering plans and discharge locations in your site Stormwater Pollution Prevention Plan.

Location of Outfall into Surface Waterbody

Enter the outfall identifier code, waterbody name, and latitude/longitude of the point(s) where the site has the potential to discharge into a waterbody (the outfall). Enter all locations. **See illustration of Surface Waterbody Outfall locations at the end of this form.**

- Include the names and locations of both direct and indirect discharges to surface waterbodies, even if the risk of discharge is low or limited to periods of extreme weather. **Attach a separate list if necessary.**
- Give each point a unique 1-4 digit alpha numeric code. This code will be used for identifying these points in WQWebDMR.
- Some large construction projects (for example, subdivisions, roads, or pipelines) may discharge into several waterbodies.
- If the creek or tributary is unnamed, use a format such as "unnamed tributary to Deschutes River."
- If the site discharges to a stormwater conveyance system that in turn flows to a surface waterbody, include the surface waterbody name and location.

Outfall Identifier Code. These cannot be symbols. (Maximum of 4 characters).				Surface Waterbody Name at the Outfall	Latitude Decimal Degrees	Longitude Decimal Degrees
Example: 001A				Example: Puget Sound	47.5289247° N	-122.3123550° W
A1				Pilchuck River	47.976583 ° N	-122.059893 ° W
					° N	° W
					° N	° W

If your site discharges to a waterbody that is on the impaired waterbodies list (e.g., 303[d] list) for turbidity, fine sediment, high pH, or phosphorus, Ecology will require additional documentation before issuing permit coverage and these sites will be subject to additional sampling and numeric effluent limits (per Permit Condition S8). Ecology will notify you if any additional sampling requirements apply. Information on impaired waterbodies is available online at: <https://www.ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

Before signing, please use the following checklist to ensure this form is complete:

- ☒ All spaces on this form have been completed. (Attach additional sheets if necessary)
- ☒ The transfer form has been signed by both the current permittee (see Page 1) **and** the new permittee (see Section VIII below).
- ☒ The date permit responsibility was transferred is specified. (See Page 1)
- ☒ New Operator/Permittee: Before you submit this form to Ecology, please retain a copy for your records – this will serve as proof of permit coverage until documentation arrives from Ecology.
- ☐ For partial transfers: If the original permittee no longer owns or controls any portions of the site that meet the criteria for termination, the original permittee must submit a Notice of Termination (NOT) to terminate permit coverage. See the CSWGP website for a link to the NOT form: www.ecology.wa.gov/constructionstormwaterpermit.
- ☐ For sites with contaminated soils/groundwater or a new discharger to an impaired waterbody: Any special provisions to protect water quality put in place at the time of initial coverage have been reviewed and adopted by the new permittee.

Administrative Order Docket No. _____

VIII. Certification of New Permittee

"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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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."

Patrick McCourt

KM2 Contractors, Inc.

President

Printed/Typed Name

Company (operator/permittee only)

Title

Signature of New Operator/Permittee

Date

Signature of Operator/Permittee requirements:

- A. For a corporation: By a responsible corporate officer.
- B. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively.
- C. For a municipality, state, federal, or other public facility: By either a principal executive officer or ranking elected official.

Please sign and return this **ORIGINAL** document to the following address:

Department of Ecology – Construction Stormwater
PO Box 47696
Olympia, WA 98504-7696

If you have questions about this form, contact the following Ecology staff:

Location	Contact Name	Phone	E-mail
City of Seattle, and Kitsap, Pierce, and Thurston counties	Josh Klimek	360-407-7451	josh.klimek@ecy.wa.gov
Island, King, and San Juan counties	RaChelle Stane	360-407-6556	rachelle.stane@ecy.wa.gov
Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Skagit, Snohomish, Spokane, Stevens, Walla, Whatcom, and Whitman counties.	Shawn Hopkins	360-407-6442	shawn.hopkins@ecy.wa.gov
Benton, Chelan, Clallam, Clark, Cowlitz, Douglas, Grays Harbor, Jefferson, Kittitas, Klickitat, Lewis, Mason, Okanogan, Pacific, Skamania, Wahkiakum, and Yakima counties.	Joyce Smith	360-407-6858	joyce.smith@ecy.wa.gov

Attachment B

Site Plans

A PORTION OF SE 1/4 OF SEC 29, TWN 29N, RGE 6E, W.M., CITY OF LAKE STEVENS, SNOHOMISH COUNTY, WASHINGTON

LEGEND

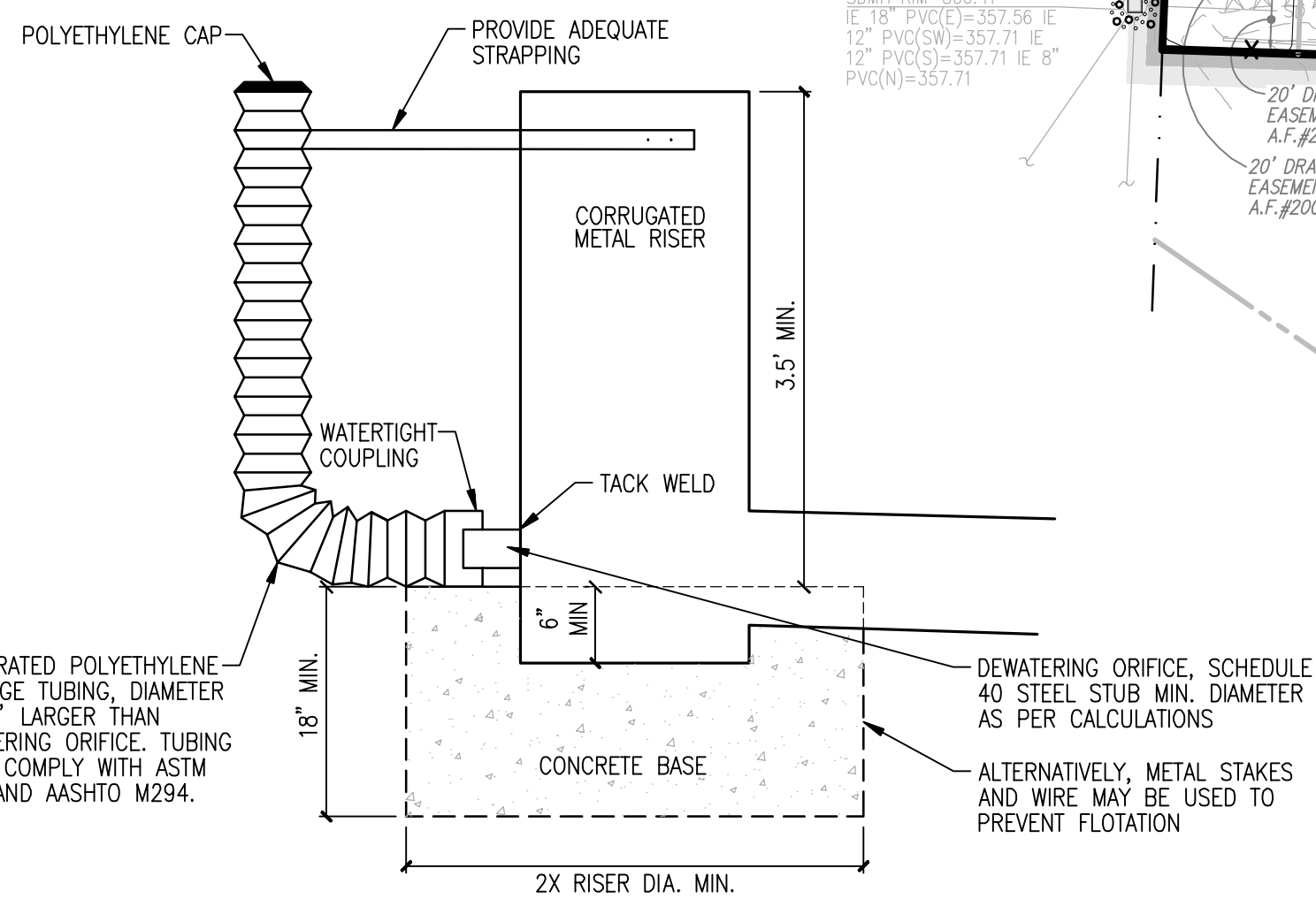
- CLEARING AREA
--- PROTECTED AREA
--- CLEARING LIMITS
- SILT FENCE
--- CONVEYANCE SWALE
- ① ROCK CONSTRUCTION ENTRANCE
- CATCH BASIN PROTECTION
- PRE DEVELOPMENT DRAINAGE PATTERN
- POST DEVELOPMENT DRAINAGE PATTERN
- INSTALL CHECK DAM EVERY 100' OR 2' OF ELEVATION CHANGE
- TBR TO BE REMOVED

CONSTRUCTION SEQUENCE

- ATTEND PER-CONSTRUCTION MEETING WITH OWNER, CONTRACTOR, DESIGN ENGINEER, AND INSPECTOR.
- TEMPORARY EROSION CONTROL MEASURES TO BE IN PLACE AND INSPECTED PRIOR TO ANY CONSTRUCTION OR SITE CLEARING. INSTALL SILT FENCING AND FLAG CLEARING LIMITS. INSTALL CONSTRUCTION ENTRANCE.
- ARRANGE FOR CITY TO INSPECT AND APPROVE CLEARING LIMIT FLAGGING PRIOR TO CLEARING.
- INSTALL REMAINING TESC MEASURES AS SHOWN.
- BEGIN CLEARING AND GRADING.
- AS PERMANENT STORMWATER SYSTEM IS TO BE USED FOR CONSTRUCTION RUNOFF, SYSTEM ELEMENTS ON THE EAST SIDE OF WILLIAMS ROAD SHOULD BE CONSTRUCTED FIRST.
- INSTALL CHECK DAMS ON EXISTING DITCH ON 20TH STREET SE AND WILLIAMS ROAD. REMOVE WHEN CONSTRUCTION HAS BEEN COMPLETED.
- CONSTRUCT PERMANENT DETENTION POND AND MAINTAIN DURING CONSTRUCTION.
- ROUGH GRADE, CONSTRUCT WALLS AND INSTALL UTILITIES.
- INSTALL FINAL PAVING, CURBING AND SIDEWALK ON-SITE AND WITHIN ROW.
- STABILIZE UNPAVED AREAS WITH LANDSCAPING OR HYDROSEEDING AS PERMANENT COVER AND AS REQUIRED PER BMP T5.13.
- CLEAN OUT STORM SYSTEM AND STRUCTURES WHEN CONSTRUCTION IS COMPLETE.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.

TESC POND

VAULT TRIBUTARY AREA	11.06 AC
2-YEAR PEAK FLOW	6,201 CFS
REQUIRED SURFACE AREA	12,920 SF
BOTTOM ELEVATION	284.00
BOTTOM AREA (SF)	15,247 SF
TOP ELEVATION	291.00
TOP AREA (SF)	15,247 SF
SIDE SLOPES	VERTICAL
OVERFLOW ELEV.	290.00
OUTLET INVERT ELEV.	284.00
ORIFICE INVERT ELEV.	284.00
ORIFICE SIZE	5-1/4"

**SEDIMENT POND RISER DETAIL**

NOT TO SCALE

EARTHWORK QUANTITIES

CUT:	64,200 CY
FILL:	45,500 CY
NET:	18,700 CY (CUT)
DISTURBED AREA:	546,695 SF (12.55 AC)

THE ABOVE QUANTITIES ARE FOR PERMITTING PURPOSES. CONTRACTOR TO VERIFY.

SCALE: 1" = 50'

50' 0 50' 100'

REVISIONS

NO.	DATE	DESCRIPTION
1	5-24-23	REVISIONS PER CITY COMMENTS DATED 4-14-23

Surveying Engineering Planning

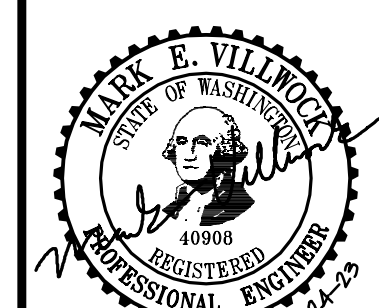
LDC

Woodinville Kent Olympia
1851 Central Pl S, #101
Kent, WA 98030
www.LDCcorp.com
T 425.806.1869 F 425.482.2893

LAND PRO GROUP

FAGERLIE SUBDIVISION

TESC PLAN



JOB NUMBER: C21-200
DRAWING NAME: C21200C-ER-PL
DESIGNER: MEV
DRAFTING BY: RCR
DATE: 9-14-22
SCALE: 1"=50'
JURISDICTION: LAKE STEVENS

ER-01

SHEET 3 OF 30



Call 2 Business Days Before You Dig
811 or 1-800-424-5555
Utilities Underground Location Center

UTILITY NOTE

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

DISCLAIMER

TOPOGRAPHIC SURVEY INFORMATION CONTAINED ON THESE PLANS HAS BEEN PROVIDED BY PACIFIC COAST SURVEYS, INC. LDC, INC. (LAND DEVELOPMENT CONSULTANTS, INC.) ASSUMES NO LIABILITY AS TO THE ACCURACY AND COMPLETENESS OF THIS DATA. ANY DISCREPANCIES FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT IS NOTED IN THE FIELD SHOULD BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.

(LUA2023-0038)

CITY OF LAKE STEVENS
SECTION 10 CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF LAKE STEVENS CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS THAT MAY INCLUDE, BUT ARE NOT LIMITED TO, WDFW HYDRAULIC PROJECT APPROVAL (HPA), WASHINGTON STATE ECOLOGY'S NOTICE OF INTENT (NOI), NPDES CONSTRUCTION STORMWATER GENERAL PERMIT, ALL U.S. ARMY CORPS OF ENGINEERS FILL PERMITS, AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS _____ DAY OF _____, 20____.

BY: PUBLIC WORKS DIRECTOR

Attachment C

Photograph Log

All Photographs taken by Jon Klemesrud on February 14, 2024

Nikon Coolpix AW100

Photograph Log – Fagerlie Subdivision



Photo #:01 (DSCN3573)

Description: Facing west along 20th Street SE, photo of installed sidewalk and frontage area just west of the construction entrance. "Witches hat" installed in roadside catch basin.



Photo #:02 (DSCN3574)

Description: Facing east along 20th Street SE, photo of installed sidewalk and frontage area east of the construction entrance.



Photo #:03 (DSCN3575)

Description: Facing south from 20th Street SE, photo of primary construction entrance. Entrance was just graded to allow for street sweeper to access.



Photo #:04 (DSCN3576)

Description: Facing east along 20th Street SE, photo of installed sidewalk and frontage area east of the construction entrance.

Photograph Log – Fagerlie Subdivision



Photo #:05 (DSCN3577)

Description: Facing southeast, photo of plastic covering used as a BMP for a graded area south of 20th Street SE.



Photo #:06 (DSCN3578)

Description: Facing south along 20th Street SE, photo of roadside catch basin and perimeter silt fencing. Topsoil installed within frontage area to begin landscaping. "Witches hat" installed within catch basin.



Photo #:07 (DSCN3579)

Description: Facing south along 20th Street SE, photo of drainage pipe connected to roadside catch basin pictured in Photo #06. Water entering the catch basin is designed to infiltrate within vegetated area, instead of discharging to stormwater pond. Uncovered stockpile within area.



Photo #:08 (DSCN3580)

Description: Facing south along Williams Road. Photo of project's northeast perimeter. Eastern side of project generally left undisturbed during current phase.

Photograph Log – Fagerlie Subdivision



Photo #:09 (DSCN3581)
Description: Facing west at “Lot 50” (Lot 52 on map). Area was prepped/work the day prior to the inspection.



Photo #:10 (DSCN3582)
Description: Facing east, photo of silt fencing in need of maintenance (southeast corner of “lot 50”).



Photo #:11 (DSCN3583)
Description: Facing south, photo from “Lot 50” of silt fencing in need of maintenance. Area is east of Williams Road. City of Lake Stevens recently in the area doing some water main work.



Photo #:12 (DSCN3584)
Description: Facing north along Williams Road, photo of frontage area and two roadside catch basins (background) designed to discharge to the roadside ditch south of Williams Road.

Photograph Log – Fagerlie Subdivision



Photo #:13 (DSCN3585)

Description: Facing south along Williams Road, photo of discharge to roadside ditch. Discharge consists of two roadside catch basins shown in Photo #12.



Photo #:14 (DSCN3586)

Description: Facing south, photo of stormwater pond.



Photo #:15 (DSCN3587)

Description: Facing north from stormwater pond, photo looking back toward "Lot 50."



Photo #:16 (DSCN3588)

Description: Facing south, photo of stormwater pond and plastic covering unstabilized area to the west of the pond.

Photograph Log – Fagerlie Subdivision



Photo #:17 (DSCN3589)

Description: Facing west, photo of portion of silt fence in need of maintenance. Area of silt fence not trenched in.



Photo #:18 (DSCN3590)

Description: Photo within stormwater pond outfall vault. Water observed to be flowing/discharging from within the vault.



Photo #:19 (DSCN3591)

Description: Photo within stormwater pond outfall vault. Water observed to be flowing/discharging from within the vault.



Photo #:20 (DSCN3592)

Description: Photo within stormwater pond outfall vault. Water observed to be flowing/discharging from within the vault.

Photograph Log – Fagerlie Subdivision



Photo #:21 (DSCN3593)

Description: Facing east, photo of stormwater pond outfall vault. Future work will include installing discharge piping to the roadside ditch, north side of Williams Road.



Photo #:22 (DSCN3595)

Description: Description: Facing west, photo from the north side of Williams Road, viewing roadside ditch. Potential/future location of stormwater pond overflow discharge from the pond's outfall vault.



Photo #:23 (DSCN3594)

Facing west, photo from the south side of Williams Road showing roadside ditch. Location of catch basin discharge from the two catch basins along Williams Road.



Photo #:24 (DSCN3596)

Description: Facing west, photo of vegetative area located on the eastern side of the project, west of Williams Road. Area had yet to be cleared to prevent any erosion during wet season.

Photograph Log – Fagerlie Subdivision



Photo #:25 (DSCN3597)

Description: Facing west, photo of the project's southern perimeter. Facility maintains existing berm, straw coverage, and perimeter silt fencing.



Photo #:26 (DSCN3598)

Description: Facing north, photo of wooded debris cleared the previous day.



Photo #:27 (DSCN3599)

Description: Facing north, photo of western perimeter. Rock wall constructed with only trench to avoid further disturbance.

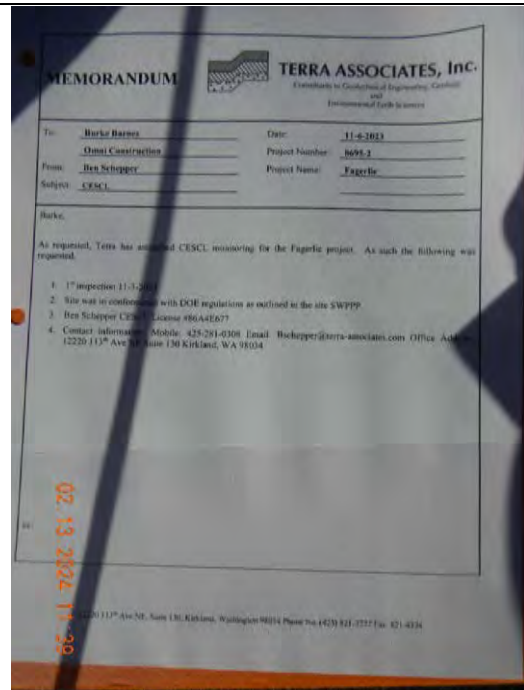


Photo #:28 (DSCN3600)

Description: Photo of initial CESCL memo for the project by current contractor and Terra Associates, Inc.

Photograph Log – Fagerlie Subdivision

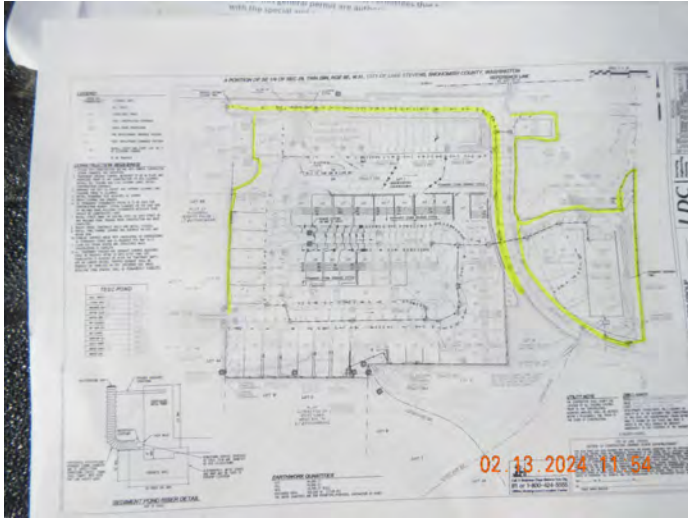


Photo #:29 (DSCN3601)

Description: Photo of Site Map contained within the SWPPP binder.

Attachment D

12/05/2023 and 12/06/2023 Routine Site Inspection Reports & December 2023 DMR

Construction Stormwater Site Inspection Form

Project Name Fagerlie Subdivision **Permit #** WAR312688 **Inspection Date** 12/5/2023 **Time** 11:00AM

Name of Certified Erosion Sediment Control Lead (CESCL) or qualified inspector if *less than one acre*

Print Name: James Mays-Mclver CESCL #EF8184514

Approximate rainfall amount since the last inspection (in inches): 1.5

Approximate rainfall amount in the last 24 hours (in inches): 1.5

Current Weather Clear ☐ Cloudy ☒ Mist ☐ Rain ☒ Wind ☐ Fog ☐

A. Type of inspection: Weekly ☐ Post Storm Event ☒ Other ☐

B. Phase of Active Construction (check all that apply):

Pre-construction/installation of erosion/sediment	☒	Clearing/demo/grading	☒	Infrastructure/storm/roads	☒
Concrete pours	☐	Vertical construction/buildings	☐	Utilities	☐
Offsite improvements	☐	Site temporary stabilized	☐	Final stabilization	☐

C. Questions:

- | | | | | |
|--|-----|-------------------------------------|----|-------------------------------------|
| 1. Were all areas of construction and discharge points inspected? | Yes | ☒ | No | ☐ |
| 2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen | Yes | ☒ | No | ☐ |
| 3. Was a water quality sample taken during inspection? (<i>refer to permit conditions S4 & S5</i>) | Yes | ☒ | No | ☐ |
| 4. Was there a turbid discharge 250 NTU or greater, or Transparency 6 cm or less?* | Yes | ☐ | No | ☒ |
| 5. If yes to #4 was it reported to Ecology? | Yes | ☐ | No | ☐ |
| 6. Is pH sampling required? pH range required is 6.5 to 8.5. | Yes | ☒ | No | ☐ |

If answering yes to a discharge, describe the event. Include when, where, and why it happened; what action was taken, and when.

Turbid discharge observed in vegetated public swale along southeastern Williams Rd.

*If answering yes to # 4 record NTU/Transparency with continual sampling daily until turbidity is 25 NTU or less/ transparency is 33 cm or greater.

Sampling Results:

Date: 12/5/23

Parameter	Method (circle one)	Result			Other/Note
		NTU	cm	pH	
Turbidity	tube, meter, laboratory	232		6.5	Sampled from public swale along Williams Rd.
pH	Paper, kit, meter				

Construction Stormwater Site Inspection Form

D. Check the observed status of all items. Provide "Action Required" details and dates.

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
1 Clearing Limits	Before beginning land disturbing activities are all clearing limits, natural resource areas (streams, wetlands, buffers, trees) protected with barriers or similar BMPs? (High visibility recommended)	X			Perimeter silt fence established		
2 Construction Access	Construction access is stabilized with quarry spalls or equivalent BMP to prevent sediment from being tracked onto roads?	X			Severe track out observed from off-road haul truck traffic	Yes	Crews should install additional crushed rock to reduce track out
	Sediment tracked onto the roadway was cleaned thoroughly at the end of the day or more frequent as necessary.	X			Crews flushed roadway using water truck and sweeper		
3 Control Flow Rates	Are flow control measures installed to control stormwater volumes and velocity during construction and do they protect downstream properties and waterways from erosion?	X			Straw waddle check dams installed in public swale		
	If permanent infiltration ponds are used for flow control during construction, are they protected from siltation?			X			
4 Sediment Controls	All perimeter sediment controls (e.g. silt fence, wattles, compost socks, berms, etc.) installed, and maintained in accordance with the Stormwater Pollution Prevention Plan (SWPPP).	X					
	Sediment control BMPs (sediment ponds, traps, filters etc.) have been constructed and functional as the first step of grading.		X				
	Stormwater runoff from disturbed areas is directed to sediment removal BMP.			X			
5 Stabilize Soils	Have exposed un-worked soils been stabilized with effective BMP to prevent erosion and sediment deposition?	X			Crews should cover bare un-worked soils after 48 hours of inactivity.		

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
5 Stabilize Soils Cont.	Are stockpiles stabilized from erosion, protected with sediment trapping measures and located away from drain inlet, waterways, and drainage channels?	X			Crews covering site stockpile with plastic		
	Have soils been stabilized at the end of the shift, before a holiday or weekend if needed based on the weather forecast?			X			
6 Protect Slopes	Has stormwater and ground water been diverted away from slopes and disturbed areas with interceptor dikes, pipes and or swales?	X			Crews covered bare soil slopes with plastic		
	Is off-site storm water managed separately from stormwater generated on the site?			X			
	Is excavated material placed on uphill side of trenches consistent with safety and space considerations?			X			
	Have check dams been placed at regular intervals within constructed channels that are cut down a slope?			X			
7 Drain Inlets	Storm drain inlets made operable during construction are protected.			X			
	Are existing storm drains within the influence of the project protected?			X			
8 Stabilize Channel and Outlets	Have all on-site conveyance channels been designed, constructed, and stabilized to prevent erosion from expected peak flows?	X					
	Is stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream conveyance systems?	X					
9 Control Pollutants	Are waste materials and demolition debris handled and disposed of to prevent contamination of stormwater?	X					
	Has cover been provided for all chemicals, liquid products, petroleum products, and other material?			X			
	Has secondary containment been provided capable of containing 110% of the volume?			X			
	Were contaminated surfaces cleaned immediately after a spill incident?			X			
	Were BMPs used to prevent contamination of stormwater by a pH modifying sources?						

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
9 Cont.	Wheel wash wastewater is handled and disposed of properly.	X					
10 Control Dewatering	Concrete washout in designated areas. No washout or excess concrete on the ground.			X			
	Dewatering has been done to an approved source and in compliance with the SWPPP.			X			
	Were there any clean non turbid dewatering discharges?			X			
11 Maintain BMP	Are all temporary and permanent erosion and sediment control BMPs maintained to perform as intended?	X					
12 Manage the Project	Has the project been phased to the maximum degree practicable?	X					
	Has regular inspection, monitoring and maintenance been performed as required by the permit?	X					
	Has the SWPPP been updated, implemented and records maintained?			X			
13 Protect LID	Is all Bioretention and Rain Garden Facilities protected from sedimentation with appropriate BMPs?			X			
	Is the Bioretention and Rain Garden protected against over compaction of construction equipment and foot traffic to retain its infiltration capabilities?			X			
	Permeable pavements are clean and free of sediment and sediment laden-water runoff. Muddy construction equipment has not been on the base material or pavement.			X			
	Have soiled permeable pavements been cleaned of sediments and pass infiltration test as required by stormwater manual methodology?			X			
	Heavy equipment has been kept off existing soils under LID facilities to retain infiltration rate.			X			

Construction Stormwater Site Inspection Form

E. Check all areas that have been inspected. ✓

All in place BMPs ☒ All disturbed soils ☒ All concrete wash out area ☒ All material storage areas ☒
 All discharge locations ☒ All equipment storage areas ☐ All construction entrances/exits ☒

F. Elements checked "Action Required" (section D) describe corrective action to be taken. List the element number; be specific on location and work needed. Document, initial, and date when the corrective action has been completed and inspected.

Element #	Description and Location	Action Required	Completion Date	Initials
2	Severe track out observed from off-road haul truck traffic	Crews should install additional construction access sediment control bmp's to reduce track out		

Attach additional page if needed.

Sign the following certification:

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

Inspected by: (print) James Mays-Mclver (Signature) James Mays-Mclver Date: 12/5/2023
 Title/Qualification of Inspector: Site CESCL

-Turbid water accumulating at southeastern site culvert



Construction Stormwater Site Inspection Form

Project Name Fagerlie Subdivision **Permit #** WAR312688 **Inspection Date** 12/6/2023 **Time** 11:30AM

Name of Certified Erosion Sediment Control Lead (CESCL) or qualified inspector if *less than one acre*

Print Name: James Mays-Mclver CESCL #EF8184514

Approximate rainfall amount since the last inspection (in inches): 0.91

Approximate rainfall amount in the last 24 hours (in inches): 0.91

Current Weather Clear ☐ Cloudy ☐ Mist ☐ Rain ☒ Wind ☐ Fog ☐

A. Type of inspection: Weekly ☐ Post Storm Event ☒ Other ☐

B. Phase of Active Construction (check all that apply):

Pre-construction/installation of erosion/sediment	☒	Clearing/demo/grading	☒	Infrastructure/storm/roads	☒
Concrete pours	☐	Vertical construction/buildings	☐	Utilities	☐
Offsite improvements	☐	Site temporary stabilized	☐	Final stabilization	☐

C. Questions:

- | | | | | |
|--|-----|-------------------------------------|----|-------------------------------------|
| 1. Were all areas of construction and discharge points inspected? | Yes | ☒ | No | ☐ |
| 2. Did you observe the presence of suspended sediment, turbidity, discoloration, or oil sheen | Yes | ☒ | No | ☐ |
| 3. Was a water quality sample taken during inspection? (<i>refer to permit conditions S4 & S5</i>) | Yes | ☒ | No | ☐ |
| 4. Was there a turbid discharge 250 NTU or greater, or Transparency 6 cm or less?* | Yes | ☐ | No | ☒ |
| 5. If yes to #4 was it reported to Ecology? | Yes | ☐ | No | ☐ |
| 6. Is pH sampling required? pH range required is 6.5 to 8.5. | Yes | ☒ | No | ☐ |

If answering yes to a discharge, describe the event. Include when, where, and why it happened; what action was taken, and when.

Turbid discharge observed in vegetated public swale along southeastern Williams Rd.

*If answering yes to # 4 record NTU/Transparency with continual sampling daily until turbidity is 25 NTU or less/ transparency is 33 cm or greater.

Sampling Results:

Date: 12/6/23

Parameter	Method (circle one)	Result			Other/Note
		NTU	cm	pH	
Turbidity	tube, meter, laboratory	119		6.5	Sampled from public swale along Williams Rd.
pH	Paper, kit, meter				

Construction Stormwater Site Inspection Form

D. Check the observed status of all items. Provide "Action Required" details and dates.

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
1 Clearing Limits	Before beginning land disturbing activities are all clearing limits, natural resource areas (streams, wetlands, buffers, trees) protected with barriers or similar BMPs? (High visibility recommended)	X			Perimeter silt fence established		
2 Construction Access	Construction access is stabilized with quarry spalls or equivalent BMP to prevent sediment from being tracked onto roads?	X			Severe track out observed from off-road haul truck traffic	Yes	Crews should install additional crushed rock to reduce track out
	Sediment tracked onto the roadway was cleaned thoroughly at the end of the day or more frequent as necessary.	X			Crews flushed roadway using water truck and sweeper		
3 Control Flow Rates	Are flow control measures installed to control stormwater volumes and velocity during construction and do they protect downstream properties and waterways from erosion?	X			Straw waddle check dams installed in public swale		
	If permanent infiltration ponds are used for flow control during construction, are they protected from siltation?			X			
4 Sediment Controls	All perimeter sediment controls (e.g. silt fence, wattles, compost socks, berms, etc.) installed, and maintained in accordance with the Stormwater Pollution Prevention Plan (SWPPP).	X					
	Sediment control BMPs (sediment ponds, traps, filters etc.) have been constructed and functional as the first step of grading.		X				
	Stormwater runoff from disturbed areas is directed to sediment removal BMP.			X			
5 Stabilize Soils	Have exposed un-worked soils been stabilized with effective BMP to prevent erosion and sediment deposition?	X			Crews should cover bare un-worked soils after 48 hours of inactivity.		

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
5 Stabilize Soils Cont.	Are stockpiles stabilized from erosion, protected with sediment trapping measures and located away from drain inlet, waterways, and drainage channels?	X			Crews covering site stockpile with plastic		
	Have soils been stabilized at the end of the shift, before a holiday or weekend if needed based on the weather forecast?			X			
6 Protect Slopes	Has stormwater and ground water been diverted away from slopes and disturbed areas with interceptor dikes, pipes and or swales?	X			Crews covered bare soil slopes with plastic		
	Is off-site storm water managed separately from stormwater generated on the site?			X			
	Is excavated material placed on uphill side of trenches consistent with safety and space considerations?			X			
	Have check dams been placed at regular intervals within constructed channels that are cut down a slope?			X			
7 Drain Inlets	Storm drain inlets made operable during construction are protected.			X			
	Are existing storm drains within the influence of the project protected?			X			
8 Stabilize Channel and Outlets	Have all on-site conveyance channels been designed, constructed, and stabilized to prevent erosion from expected peak flows?	X					
	Is stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes and downstream conveyance systems?	X					
9 Control Pollutants	Are waste materials and demolition debris handled and disposed of to prevent contamination of stormwater?	X					
	Has cover been provided for all chemicals, liquid products, petroleum products, and other material?			X			
	Has secondary containment been provided capable of containing 110% of the volume?			X			
	Were contaminated surfaces cleaned immediately after a spill incident?			X			
	Were BMPs used to prevent contamination of stormwater by a pH modifying sources?						

Construction Stormwater Site Inspection Form

Element #	Inspection	BMPs Inspected			BMP comments/ observations	BMP failed	Action required (describe in section F)
		yes	no	n/a			
9 Cont.	Wheel wash wastewater is handled and disposed of properly.	X					
10 Control Dewatering	Concrete washout in designated areas. No washout or excess concrete on the ground.			X			
	Dewatering has been done to an approved source and in compliance with the SWPPP.			X			
	Were there any clean non turbid dewatering discharges?			X			
11 Maintain BMP	Are all temporary and permanent erosion and sediment control BMPs maintained to perform as intended?	X					
12 Manage the Project	Has the project been phased to the maximum degree practicable?	X					
	Has regular inspection, monitoring and maintenance been performed as required by the permit?	X					
	Has the SWPPP been updated, implemented and records maintained?			X			
13 Protect LID	Is all Bioretention and Rain Garden Facilities protected from sedimentation with appropriate BMPs?			X			
	Is the Bioretention and Rain Garden protected against over compaction of construction equipment and foot traffic to retain its infiltration capabilities?			X			
	Permeable pavements are clean and free of sediment and sediment laden-water runoff. Muddy construction equipment has not been on the base material or pavement.			X			
	Have soiled permeable pavements been cleaned of sediments and pass infiltration test as required by stormwater manual methodology?			X			
	Heavy equipment has been kept off existing soils under LID facilities to retain infiltration rate.			X			

Construction Stormwater Site Inspection Form

E. Check all areas that have been inspected. ✓

All in place BMPs ☒ All disturbed soils ☒ All concrete wash out area ☒ All material storage areas ☒
 All discharge locations ☒ All equipment storage areas ☐ All construction entrances/exits ☒

F. Elements checked "Action Required" (section D) describe corrective action to be taken. List the element number; be specific on location and work needed. Document, initial, and date when the corrective action has been completed and inspected.

Element #	Description and Location	Action Required	Completion Date	Initials
2	Severe track out observed from off-road haul truck traffic	Crews should install additional construction access sediment control bmp's to reduce track out		

Attach additional page if needed.

Sign the following certification:

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

Inspected by: (print) James Mays-Mclver (Signature) James Mays-Mclver Date: 12/6/2023
 Title/Qualification of Inspector: Site CESCL

-Discharging incoming turbid water up vegetated slope to recycle back





Permit Number: WAR312688

Permittee: Fagerlie Subdivision

Facility County: Snohomish

Receiving Waterbody: Pilchuck River

Monitoring Period: 12/01/2023 - 12/31/2023

Outfall: A1 - Pilchuck River

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		A1	A1
2-Th	12/7/23	122	6.5
2-F	12/8/23	73	6.5
3-M	12/11/23	21.58	6.5
4-Th	12/21/23	11.42	6.5
5-W	12/27/23	15.84	6.5
Minimum			BM: >= 6.5 (RO)
Maximum		BM: <= 25 (RO)	BM: <= 8.5 (RO)

BMPs

Monitoring Point	Week	BMP
	2	Check Dams
	2	Other
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	3	Check Dams
	3	Other
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	4	Check Dams
	4	Other
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	5	Check Dams
	5	Other
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, 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.

Patrick McCourt

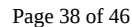
Signature

1/10/2024 10:41:46 AM

Date

Attachment E

Updated Site Map



Attachment F

Post-Inspection Photographs of BMP Maintenance Performed in Response to the Inspection













