



MUNICIPAL STORMWATER INSPECTION REPORT

State of Washington Department of Ecology
3190 – 160th Avenue SE, Bellevue, WA 98008-5452

Municipal Stormwater
Inspection Form

Phone: (425) 649-7000
FAX: (425) 649-7098

Section A: General Data

Inspection Date 10-9-2019	NPDES Permit # WAR045528	County King	Receiving Waters Wetland	Inspector(s) Colleen Griffith	Facility Type Municipal
Discharges to: Surface Water <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/>				Technical Assistance Visit	

Section B: Facility Data

Name and Location of Site Inspected		Entry Time	Permit Effective Date
Medina Operations & Maintenance Center		12:05 pm	Aug 1, 2019
1000 80 th Ave NE		Exit Time	Permit Expiration Date
Medina, WA		1:25 pm	July 31, 2024
Permittee Contact(s)		Additional Participants:	
Ryan Osada – Public Works Director rosada@medina-wa.gov 425-233-6439		Pat Crickmore – Public Works Superintendent Katy, Kent, Dave – Maintenance Staff	
Responsible Official(s):			
Michael Sauerwein -City Manager 501 Evergreen Point Rd Medina, WA 98039	msauerwein@medina-wa.gov 425-233-6412		
		Yes No	
		Samples Taken? <input type="checkbox"/> <input checked="" type="checkbox"/>	
		Photos Taken? <input checked="" type="checkbox"/> <input type="checkbox"/>	

Section C: Summary of Findings/Comments

BACKGROUND

This inspection is being conducted as part of assessing compliance with the Western Washington Phase II Municipal Stormwater Permit (Permit), which the City of Medina has held coverage under since 2007. This inspection of the City maintenance facility is to assess compliance with requirement S5.C.8.f of the 2019-2024 Permit, and provide technical assistance as needed.

STORMWATER POLLUTION PREVENTION PLAN

	YES	NO	N/A
Facility has a SWPPP/Spill Plan On-Site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> needs updating
Facility has map of on-site stormwater system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> needs updating
Facility has stormwater drains labelled?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> City has labels – can apply
Catch Basins/Inlets regularly inspected?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> yes, no records
Catch Basins/Inlets properly maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> yes, no records

Section D: Potential Pollution Generating Activities On Site

	YES	NO	N/A
FUELING			
Fueling area is covered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fueling area is on impermeable surface?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fueling area is bermed/protected from stormwater runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spill Kit Accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Above ground tanks have secondary containment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
GROUPS			
Paved areas free of oil stains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site is regularly swept?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 1x/month with sweeper
Pesticides/fertilizers applied?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, are drains protected during application?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, are the products stored securely and properly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> leftover products in locker
Pressure washing conducted on site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, is wastewater contained/disposed of properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Site is free of litter and loose sediment/debris?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> hand sweeping needed
Dumpsters are covered and leak-free?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Facility Perimeter:

The facility perimeter is lined with various stock materials that may or may not be actively used. I discussed with the staff on site about disposing of old equipment/parts and housekeeping needed on site. We discussed covering metal items, and specifically covering or moving any galvanized metals indoors. There were a small collection of rusting drain grates in the NE corner of the facility (Photo 8), a fuel tank which Mr. Crickman stated likely had residual fuel in it (Photo 9), and other metals outside which were sitting in buckets of rainwater for a period long enough to produce oxidizing/rust sludge (Photo 10).

Section D: Compliance/Recommendations

Recommendations for SWPPP (submit updated SWPPP by end of calendar year 2019).

- 1.) The table for Good Housekeeping BMP Implementation states solid and liquid spill/leaks are "promptly to be contained". There is no reference to immediate cleanup, stopping the discharge, or implementing the on-site Spill Response Plan. **Incomplete and incorrect BMP guidance must be corrected**
- 2.) The table for Preventative Maintenance states illicit discharges must be stopped within 30 days. This is an inappropriate length of time for an illicit discharge to be stopped. Your Phase II Permit requires you respond immediately to illicit discharges, including spills. Additionally, this table does not mention the proper methods the site will undertake to dispose of oil wastes/contaminated cleanup materials resulting from maintenance activities and/or spills. **Incomplete and incorrect BMP guidance must be corrected.**
- 3.) **Update site map.**
- 4.) Document and keep records on site with SWPPP when housekeeping and stormwater inspections/maintenance are conducted on site. **Immediately begin record-keeping procedures.**
- 5.) Your Appendix E contains what appears to be the entirety of Volume IV – Source Control BMPs – from the 2014 SWMMWW. This is not the intent of including all your BMPs that you should be implementing on site. The SWPPP should match the reality of what you perform on site. There are BMPs referenced that would not apply to your facility, such as NPDES Boatyard General Permit BMPs, Commercial Animal Handling Areas, Commercial Composting, etc. **Conduct a thorough review of the included BMP references and specify which specific BMPs you are implementing on site based on the actual activities conducted on this site.**

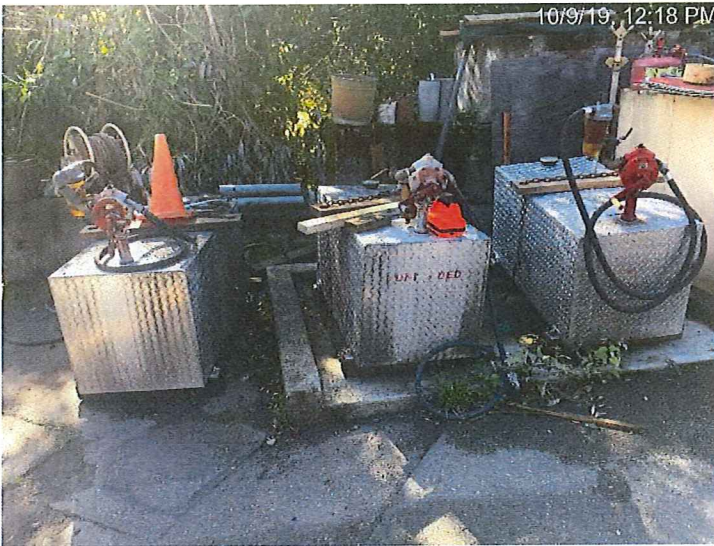
Corrective Actions requiring immediate attention on site (all BMPs referenced are from the 2014 SWMMWW, currently adopted by Medina):

- 1.) Per [BMP S429](#) - Site needs to cover the stockpiles in the Ecology block bays of erodible or water soluble material, and cover or move inside logs, bark, lumber, and metal products that are in outside storage areas – **Complete within 2 weeks and submit photos of covered piles**
- 2.) Per [BMP S409](#) – BMPs for Fueling at Dedicated Stations should be followed to correct the current conditions at the fueling station. Additionally, drain and properly dispose of any residual fuel in the 4th fuel tank located with other collected parts and debris on the north perimeter of the property. The pad is improperly sized for the two tanks it holds, the drain in the center does not have a shutoff valve, and the pad is sized such that a single rain event would likely fill up the depression in the pad when the valve is shut. The fueling pad needs to be appropriately sized and designed. **Submit plans to correct this within two months.**
- 3.) Per [BMP S428](#), all above ground storage tanks of liquids (excluding uncontaminated water) must be in double-walled containers or have adequately sized, impermeable secondary containment. Secondary containment should be sized to hold a volume of 10% of the total enclosed tank volume or 110% of the volume contained in the largest tank, whichever is greater. Place adequately sized drip pans beneath all mounted taps and drip/spill locations during filling/unloading of tanks. Vacuum sweep and clean the tank storage area regularly, if paved. Specifically, this pertains to the 3rd fuel tank which is not inside the fueling station pad – **Complete within two months. Submit photos of containment for above ground fueling tanks.**
- 4.) Per [BMP S427](#), individual hazardous liquids and wastes should be stored appropriately, under cover and in sufficiently sized secondary containment. **Complete within two months. Submit photos of containment**
- 5.) Per [BMP 412](#), Hand sweep paved areas that are not accessible by the street sweeper on the property. For example, at the perimeter of the heavy equipment facility overhang and at the leading edge of materials storage bays to remove loose materials from paved areas and contain them within designated storage areas. Consider adding low berms at openings of material stockpile bays and the maintenance shop where it will not impede vehicle access. **Complete sweeping within one week. Send photos of cleaned pavement areas.**

For questions related to this report and related technical assistance please contact Colleen Griffith at ccro461@ecy.wa.gov.

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 an NPDES permit and/or state laws and regulations.

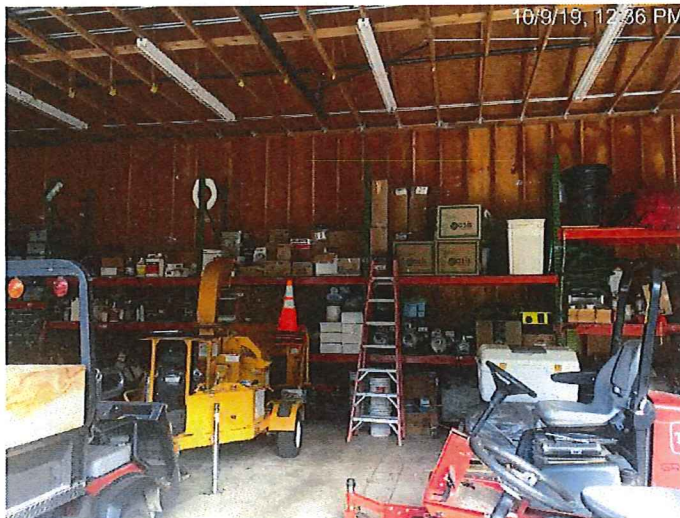
PHOTO LOG –



01 DESCRIPTION: FUELING STATION – NO COVER OR SECONDARY CONTAINMENT. MANY DARK AREAS ON PAVEMENT.



02 DESCRIPTION: DRAIN FROM CENTER OF CONCRETE PAD BETWEEN FUELING TANKS, LARGE SEDIMENT BUILDUP ON GROUND



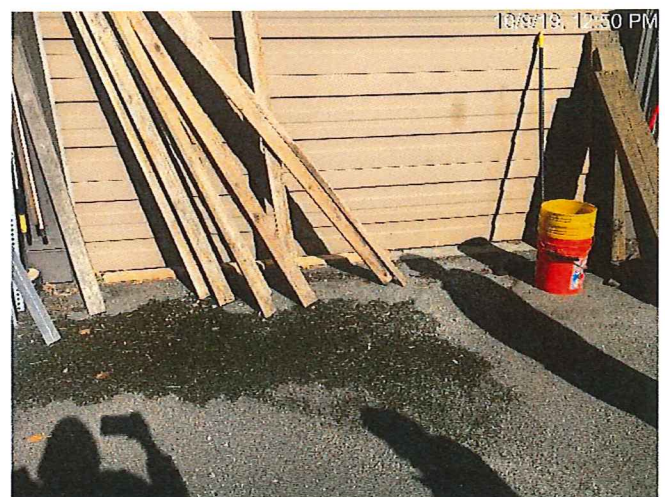
03 DESCRIPTION: EQUIPMENT STORAGE BUILDING, MANY CHEMICALS AND PAINTS STORED ALONG WALL



04 DESCRIPTION: NO SECONDARY CONTAINMENT FOR FUEL



05 DESCRIPTION: OVERHANG OF STORAGE BUILDING



06 DESCRIPTION: LOOSE SEDIMENT/DEBRIS ON GROUND