# EROSION AND SEDIMENT CONTROL PLANS



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THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE CLEAN WATER SERVICES DESIGN & CONSTRUCTION MANUAL-CHAPTER 6. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH CHAPTER 6 REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE CWS DESIGN & CONSTRUCTION MANUAL SUPERCEDES THE REQUIREMENTS OF THIS PLAN.

# NARRATIVE DESCRIPTIONS

**EXISTING SITE CONDITIONS** 

THE EXISTING SITE CONSISTS OF AN ELEMENTARY AND MIDDLE SCHOOL, LOCATED ON A 16.83-ACRE LOT, WHICH SLOPES GENERALLY TO THE WEST. A SPORTS COMPLEX IS LOCATION AT THE NORTH OF THE LOT AND A PARKING LOT IS LOCATED AT THE SOUTH. VEGETATIVE CONSISTS LARGELY OF INTERMITTENT TREES AND MANICURED GRASS. BOTH PARKING LOTS HAVE FIRE ACCESS LANES.

#### **DEVELOPED CONDITIONS**

THE PROPOSED PROJECT INCLUDES THE REPAIR OF EXISTING CRACKED ASPHALT IN CIRCULATION AND PARKING AREAS AT CHEHALEM VALLEY MIDDLE SCHOOL AND ANTONIA CRATER ELEMENTARY. MAINTAINING THE SAME CURBING AND LOT CONFIGURATION. PROJECT WILL PROVIDE MAINTENANCE TO RE-ESTABLISH THE STRUCTURAL INTEGRITY OF THE EXISTING DRIVE AISLES PAVING & BASE ROCK. IN THE CASE OF THE DRIVE AISLES, THESE UNDERGO PARTIAL OR FULL-DEPTH RECONSTRUCTION SECTION PER GEOTECHNICAL REPORT. PAVING IN PARKING STALLS WILL UNDERGO A MILL AND INLAY.

#### NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

- \* PAVING MAINTENANCE & REPAIR
- (AUGUST 2022 OCTOBER 2022) \* PAVING REPAIR & SEALCOAT
- (AUGUST 2022- OCTOBER 2022)
- \* FINAL STABILIZATION (SEPTEMBER 2022 - NOVEMBER 2022)

#### TOTAL SITE AREA = 733,085 SF = 16.83 ACRES

TOTAL DISTURBED AREA

= 42,756 SF = 0.98 ACRES

# SITE SOIL CLASSIFICATION:

SITE CONSISTS OF WALDO SILTY CLAY LOAM AND WOODBURN SILT LOAM.

2012A WALDO SILTY CLAY LOAM 0-3% SLOPES

2223A WALDO SILTY CLAY LOAM - NON FLOODED

2310A WOODBURN SILT LOAM

0-3% SLOPES

0-3% SLOPES 2310C WOODBURN SILT LOAM

- 3-12% SLOPES
- 2310F WOODBURN SILT LOAM 20-55% SLOPES

#### RECEIVING WATER BODIES:

THERE ARE NO EXISTING ONSITE WATER BODIES. THE SITE DISCHARGES TO CHEHALEM CREEK AND ULTIMATELY TO THE WILLAMETTE RIVER.

#### EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION

- ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- 2. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
- INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
- 4. ALL ESC MEASURES DOWNSLOPE MUST BE IN PLACE PRIOR TO GRADING ACTIVITIES. INTEGRATE EROSION CONTROL MEASURES TO UPSLOPE AREAS AS PROJECT PROGRESSES.

#### OWNER NEWBERG SCHOOL DISTRICT

CONTACT: NIKKI FOWLER 714 E. 6TH ST. NEWBERG, OREGON 97132 PHONE: 503-554-5000

## ENGINEER

KPFF CONSULTING ENGINEERS CONTACT: MARK WHARRY, PE 111 SW FIFTH AVENUE, SUITE 2500 PORTLAND, OREGON 97204 PHONE: 503-227-3251 E-MAIL: mark.wharry@kpffcivil.com

### PROJECT LOCATION/DESCRIPTION PROPERTY IN THE NORTH 1/2 OF SECTION 7, TOWNSHIP 3

SOUTH, RANGE 2 WEST OF THE WILLAMETTE MERIDIAN, CITY OF NEWBERG, YAMHILL COUNTY, OREGON

TAXLOT 1001 (YAMHILL COUNTY)

LATITUDE = 45.32487 NORTH LONGITUDE = 122.98332 WEST

# SITE NOTES

- 1. FLOOD NOTE: THE PROPERTY SHOWN HEREON APPEARS TO LIE WITHIN OTHER AREAS ZONE "X", AREA OF MINIMAL FLOOD HAZARD PER THE FIRM MAP NUMBER 41071C0228D.
- 2. THERE ARE NO SPRINGS OR WETLANDS LOCATED ON THE PROPERTY.
- 3. THERE ARE NO DRINKING WATER SOURCE AREAS ON OR NEAR THE PROPERTY.
- 4. THERE ARE NO ONSITE DRYWELLS



## ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

# **INSPECTION FREQUENCY**

	SITE CONDITION	MINIMUM FREQUENCY
1.	ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOW MELT IS OCCURRING. AT LEAST ONCE A DAY, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
2.	PRIOR TO THE SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY.	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE.
3.	INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS.	ONCE EVERY MONTH.
4.	PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER.	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.
5.	PERIODS DURING WHICH DISCHARGE IS UNLIKELY DUE TO FROZEN CONDITIONS.	MONTHLY, RESUME MONITORING IMMEDIATELY UPON MELT, OR WHEN WEATHER CONDITIONS MAKE DISCHARGE LIKELY.

\* HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS.

- \* ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ'S 1200-CN PERMIT REQUIREMENTS. \* INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-CN PERMIT REQUIREMENTS. RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY,
- DURING INACTIVE PERIODS OR GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS, RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200CN PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200CN PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200CN PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

# PERMITEE'S SITE INSPECTOR

NAME:	Eric Melle, PE CERT. NO. 80302PE		
COMPANY/AGENCY:	KPFF, INC		
PHONE:	(503)542-3860		
FAX:			
E-MAIL:	eric.melle@kpff.com		
DESCRIPTION OF EXPERIENCE:	12 years of experience in site design, construction observation.		
and erosion control inspection. Obtained Professional Engineering licensure in Massachusetts in 2010 and			
in Oregon in 2015. Attended CPESC training course and passed certification test.			

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