



Technical Memorandum

To: Todd Vanek, Oregon DEQ Date: September 10, 2024

From: David Weatherby, MFA Project No.: M2551.01.006

Re: Contaminated Media Management Plan for UST Decommissioning, JSC Gas N Grub, Inc. Site, Hillsboro, Oregon; LUST ID No. 34-23-0263

Introduction

On behalf of JCS Gas N Grub Inc. (the Client), Maul Foster & Alongi, Inc. (MFA), has prepared this contaminated media management plan (CMMP) for the decommissioning by removal and replacement of two underground storage tanks (USTs) and associated fuel lines at the 76 Hillsboro gas station located at 106 SW Oak Street in Hillsboro, Oregon (the site; see Figure 1). The CMMP is being submitted to you in accordance with your August 29, 2024, email to MFA.

This CMMP describes the handling, on-site storage, and disposal procedures of impacted waste soil and groundwater that will or may be generated during the decommissioning activities, and measures that will be implemented to prevent the potential for tracking impacted media offsite into the right-of-way or potentially impacting offsite receptors.

Site Description and Features

The approximately 0.37-acre site is comprised of Washington County Tax Lot No. 1S206BB03900 and currently operates as the 76 Hillsboro retail station and the approximately 1,750-square foot Gas N Grub convenience store. According to the City of Hillsboro¹ (the City), the site is currently zoned as commercial, specifically “Station Community Commercial – Downtown Zone” (SCC-DT). Properties adjacent to the site include restaurants, a grocery store, and dental offices. The site and surrounding area are connected to municipal water, sewer, and stormwater systems. Site stormwater discharges to four catch basins located along the north and east boundaries of the site.

The UST system at the site includes two 12,000-gallon USTs, and five fuel dispensers. Four fuel dispensers are located under the fuel island canopy on the north side of the site and one fuel dispenser is located under a separate fuel island canopy on the east side of the site (see Figure 2).

Release from Current UST System

In April 2023, the City discovered trace fuel/sheen draining from a storm sewer outfall in the Jackson Bottom wetlands located approximately 2,000 feet south-southeast of the site. The City also reportedly observed evidence of petroleum contamination (odor and sheen) in storm sewer infrastructure in the intersection immediately northeast of the site (intersection of Southwest Oak

¹ City of Hillsboro. Maps. <http://hbmmaps.hillsboro-oregon.gov/default.aspx>. Accessed on April 23, 2024.

Street and South 1st Avenue). This storm sewer discharges at the aforementioned outfall in the wetlands. The City contacted DEQ and requested an inspection of the UST system at the site.

The UST system inspection was completed by Lauren Dimock, a DEQ UST Compliance Inspector, on April 20, 2023. DEQ observed that the UST system's leak protection features (turbine sumps, spill buckets, dispenser containments, dispenser filters and meters) were free from leaks and product, but DEQ did identify light non-aqueous-phase liquid (LNAPL) in observation wells OW-N and OW-S. DEQ noted that the LNAPL appeared to "observationally be newer product" (e.g., lighter in color, strong odor, not degraded). After the inspection, DEQ opened a leaking underground storage tank (LUST) database record for the site (DEQ LUST File No. 34-23-0263).

Further actions taken by the Client to identify, assess, stop, and abate the release are described in the Site Assessment Report prepared by MFA². The report describes the results of soil and groundwater assessment activities completed by MFA that document that soil and groundwater at the site are contaminated with gasoline-range petroleum hydrocarbons, benzene, toluene, ethylbenzene, xylene, and naphthalene. These are the contaminants expected to be present in soil and groundwater generated during the decommissioning activities.

Geology and Hydrology

The Site is generally level. According to Oregon Water Resource Department (OWRD) well logs recorded near the Site, the depth to groundwater in the area generally ranges from 5 to 14.5 feet below ground surface (bgs). During the site assessment activities conducted by MFA in July and October 2023 and the LNAPL monitoring activities conducted from August 2023 to the present, groundwater has been observed between approximately 7 and 19.5 feet bgs at the site. During the decommissioning activities, which are scheduled to commence on September 16, 2024, the depth to groundwater is expected to be about 15 feet bgs. Based on a review of historical groundwater reports and groundwater elevation data collected at the site, the shallow groundwater flow direction at the site and surrounding area appears to fluctuate between southwest, south, southeast, and northeast.

Contaminated Media Management

The sections below describe the contaminated media management protocols applicable to the decommissioning project.

Site Preparation and Controls

Prior to the decommissioning activities, product will be removed from the USTs and fuel lines and all will be rinsed and the rinsate removed. Temporary security fencing will be placed around the site perimeter to control access to the site during the decommissioning work. Inlet protection will be placed around the on-site catch basins as shown on 4Cs erosion control plan (Attachment A).

Soil

Excavation and Stockpiling

Soil that is excavated and temporarily stockpiled will be managed in a manner that minimizes erosion, contact with stormwater runoff, and worker contact. Soils requiring excavation to remove

² MFA. 2024. *Site Assessment Report. Underground Storage Tank System Release at 76 Hillsboro/Gas N Grub Retail Station, Hillsboro, Oregon*. Prepared for JCS Gas N Grub, Inc. June 26.

the USTs and fuel lines and to install the new UST system will be observed by MFA and assessed for visual or olfactory indicators of contamination, and representative samples of the excavated soils will be assessed with a photoionization detector (PID). Based on the presence or absence of visual or olfactory indicators of contamination and PID readings, excavated soils will be consolidated into two stockpiles by 4Cs, the Client's contractor: one pile with no field indicators of contamination and one pile with field indicators of contamination. Excavated soils may be segregated into additional stockpiles depending on the degree of contamination indicated by field observations and PID readings. Stockpile locations will be confirmed at the commencement of the work but are anticipated to be along the western side of the site to not interfere with access to the site for vehicles, and to place the stockpiles as far as possible from stormwater catch basins (Figure 2).

During excavation, water will be applied to the excavation and stockpiles as needed to minimize wind erosion and dust generation. In accordance with the plastic sheeting detail in Attachment A, the soil stockpiles will be placed on plastic sheeting, bermed around the edges, and covered with plastic sheeting and sandbags or similar weighted material.

Disposition of Excavated Soil

Approximately 500 cubic yards of excavated soil are estimated to be generated during the project. Following completion of the excavation work, the minimum two soil stockpiles will be characterized for waste profiling and disposal. A 10-point composite soil sample will be collected from each stockpile and analyzed for the following:

- Gasoline-range petroleum hydrocarbons by method NWTPH-Gx.
- Benzene, toluene, ethylbenzene, xylenes, and naphthalene by EPA Method 8260D.
- Toxicity characteristic leaching procedure for benzene.
- Ignitability.

The individual aliquots of each 10-point composite sample will be collected manually and placed in a 4-ounce glass jar with a Teflon-lined lid, for a total of 10 jars per composite sample. New nitrile gloves will be worn during collection of each 10-point composite sample and replaced with new gloves before collection of the next composite sample to prevent cross contamination. The jars will be submitted under standard chain-of-custody procedures to Apex Laboratories in Tigard Oregon for compositing and analysis by the lab.

Based on the sample results, it is expected that impacted soils will be transported to the Waste Management Hillsboro Landfill if not hazard waste, or the Waste Management Arlington Landfill if hazardous waste. The sample results for the soil pile with no field indicators of contamination will be compared to the DEQ's clean fill criteria. If the sample results meet the clean fill criteria, the soil may be used as backfill at the site.

Loading and Hauling Soil

The proposed truck route for loading soil into the haul trucks is shown on Figure 2. Trucks will enter the site at the north entrance and will be loaded at the location shown on the figure. This location is outside of the stockpile area to ensure trucks do not drive through the soil. After loading, the ground surface around the trucks will be inspected for soil, and any soil will be swept and placed back on the stockpile. The trucks will then move forward to the east and be inspected prior to leaving the site at the location shown on the figure to ensure the trucks do not track soil off site. Any soil adhered to the truck tires will be removed and placed on the soil stockpile. The trucks will be covered during transport to the disposal facility.

Groundwater

To remove the existing USTs and install the new USTs, an excavation depth of 15 feet bgs is anticipated. Based on groundwater level monitoring conducted at the site since August 2023, the depth to groundwater is anticipated to be at or deeper than the 15 feet bgs by September 16, 2024. Cowlitz Clean Sweep (CCS) has been removing LNAPL from monitoring and observation wells at the site since August 2023 and disposing of the LNAPL/groundwater mixtures at Oil Re-Refining Company (ORRCO) in Portland under waste profile #01-23-0828-002 (Attachment B). If LNAPL and/or groundwater is encountered during the excavation that requires removal, CCS will remove it using a vacuum truck and dispose of it at ORRCO under the existing waste profile.

Soils with free liquids will not be placed in the stockpile area nor loaded into haul trucks. Rather, the soils will be excavated and temporarily stockpiled in the excavation to allow the water to drain back into the excavation. Once the soil is determined to not contain free liquids based on visual inspection, the soil will be excavated and placed in the stockpile area.

Documentation

All soil and groundwater requiring off-site disposal will be documented and reported in the DEQ's 30-day UST decommissioning checklist and site assessment report that MFA will prepare and submit to DEQ. Documentation will include the following:

- Waste profile and disposal receipts/records and volume for tank product and rinsate.
- Disposal receipts/records and tonnage for UST metal and fuel lines.
- Disposal receipts/records and tonnage for excavated soil disposal.
- Disposal receipts/records and volume for LNAPL/groundwater.

Attachments

Limitations

Figures

A—Erosion Control Plan and Plastic Sheeting Detail

B—ORRCO Waste Profile

Limitations

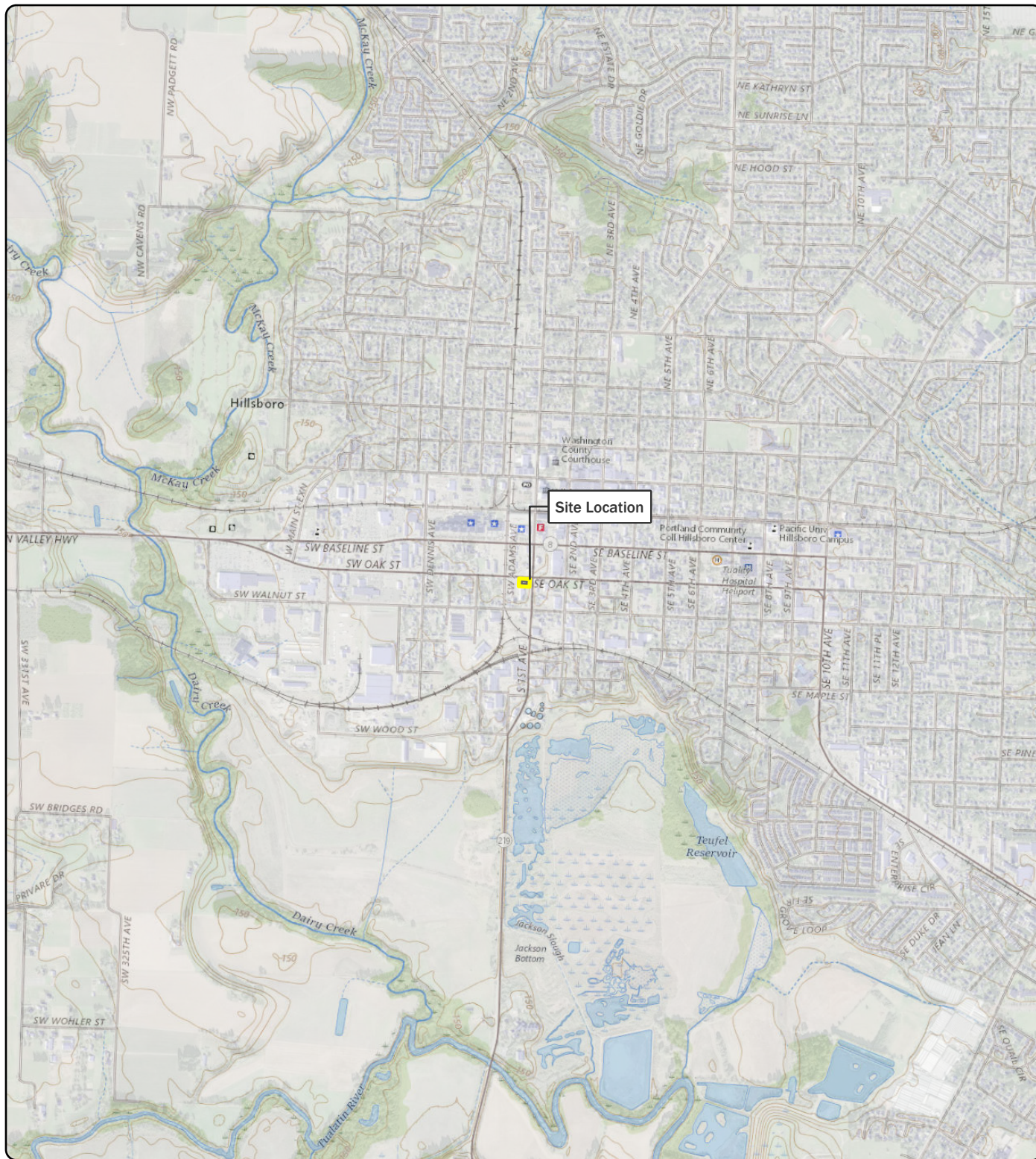
The services undertaken in completing this technical memorandum were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This technical memorandum is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this technical memorandum apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this technical memorandum.

Figures



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Notes
U.S. Geological Survey 7.5-minute topographic
quadrangle (2020): Hillsboro.
Township 1 south, range 2 west, section 6.

Data Source
Property boundary obtained from Oregon Metro.

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Legend

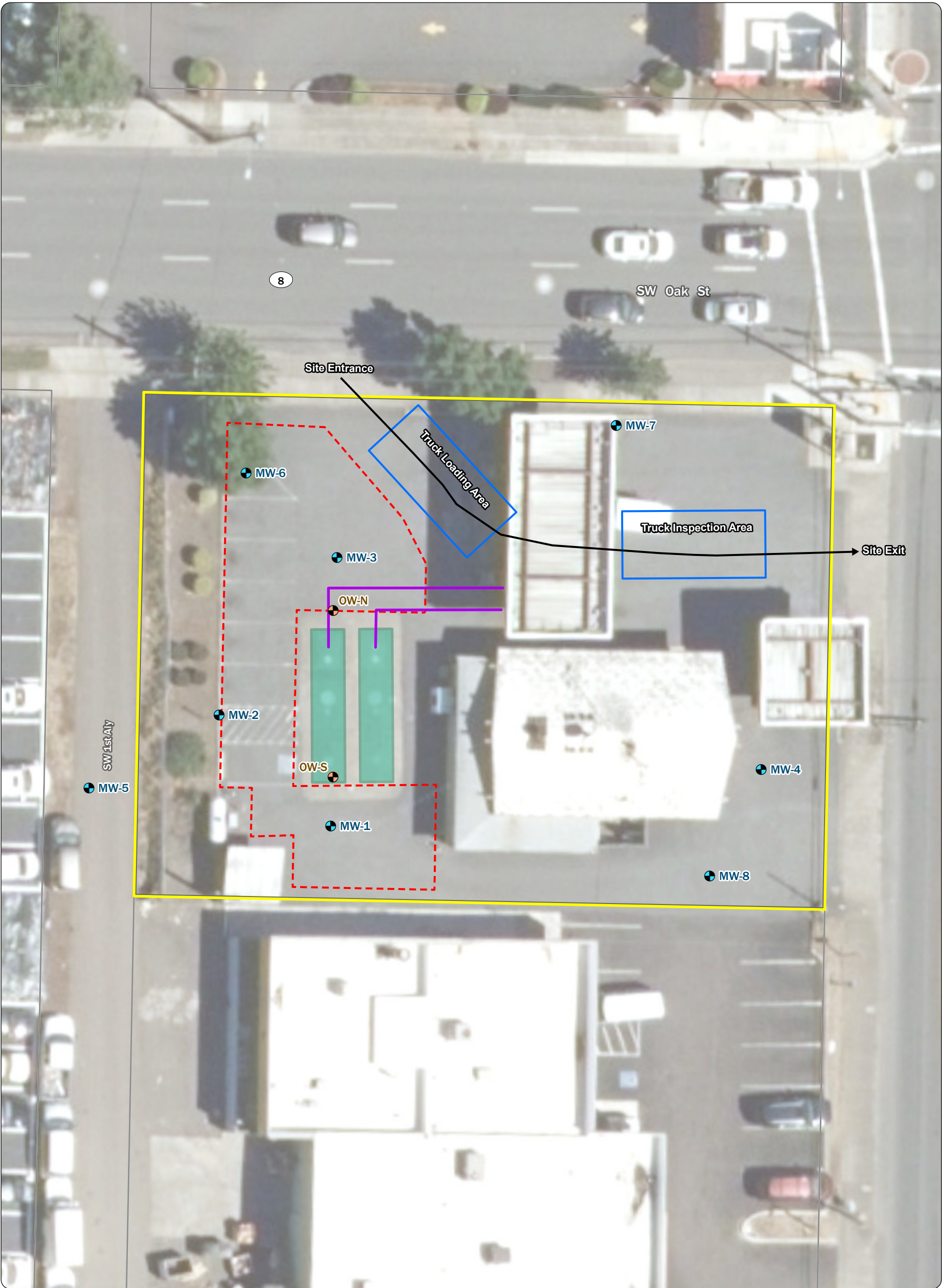
 Site Boundary

Figure 1
Site Location

JCS Gas N Grub
106 SW Oak Street
Hillsboro, OR

0 1,000 2,000
Feet





Notes
UST = underground storage tank.

Data Sources
Aerial photograph obtained from City of Portland (2022); tax lot data obtained from Oregon Metro.

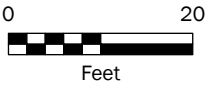
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Legend

- UST Observation Well
- Monitoring Well
- Fuel Line
- Haul Truck Route
- Proposed Stockpile Area
- Truck Loading and Inspection
- Underground Storage Tank
- Site Boundary
- Tax Lot

Figure 2
Site Features
JCS Gas N Grub
106 SW Oak Street
Hillsboro, OR



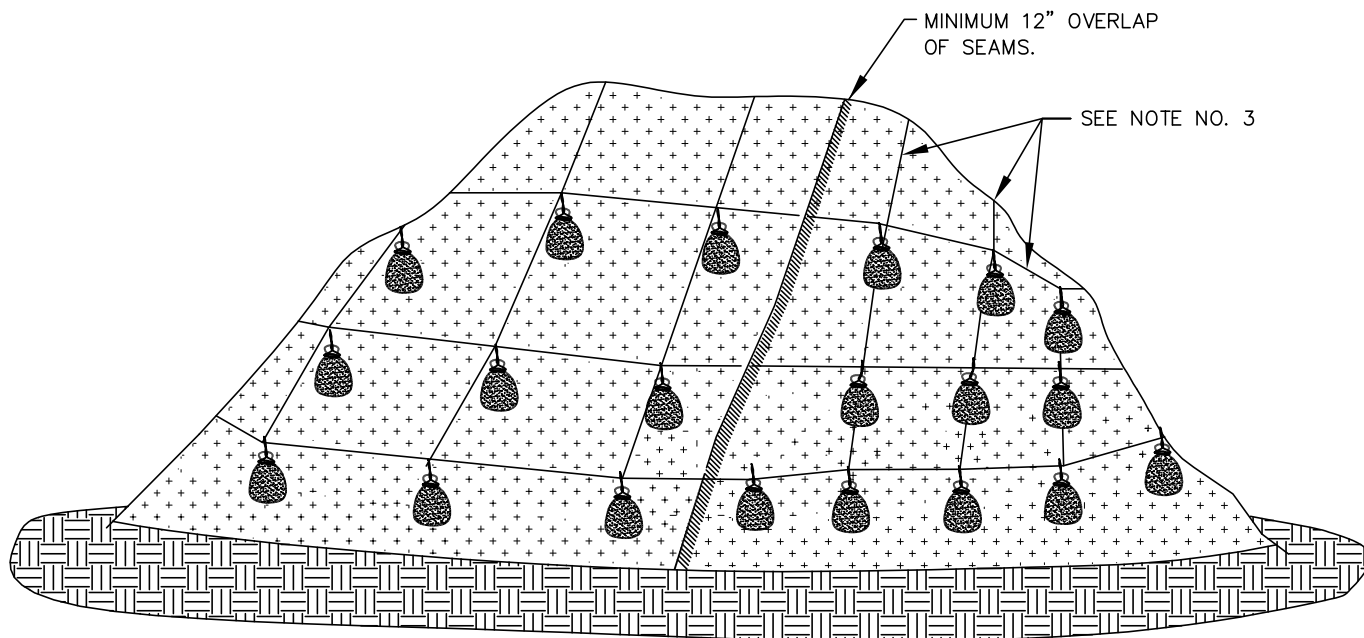
Attachment A

Erosion Control Plan and Plastic Sheeting Detail



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FOR FURTHER INFORMATION
ON DESIGN CRITERIA SEE
CHAPTER 4 OF CLEAN WATER
SERVICES EROSION PREVENTION
AND SEDIMENT CONTROL
PLANNING AND DESIGN MANUAL.



PLASTIC SHEETING

NOTES:

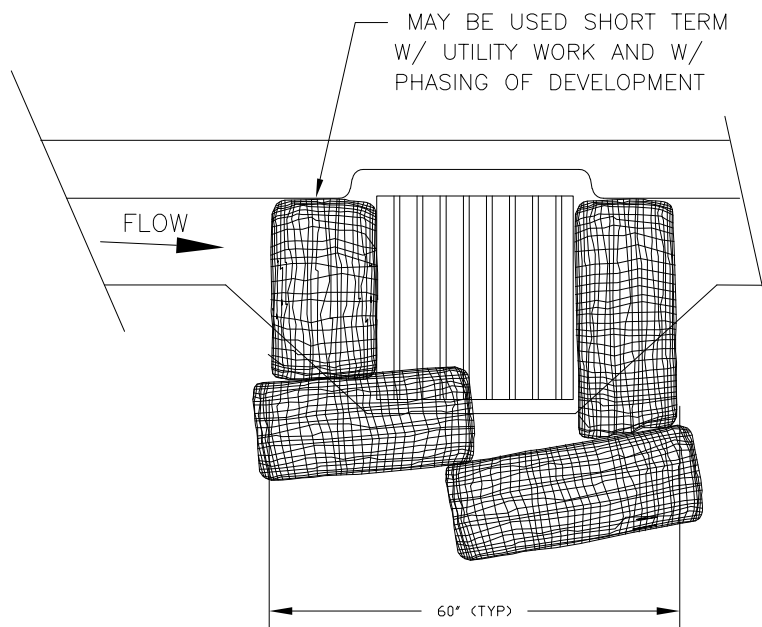
1. MINIMUM 12" OVERLAP OF ALL SEAMS REQUIRED.
2. PERIMETER SEDIMENT CONTROL BMP TO BE INSTALLED A MINIMUM OF 3' FROM TOE OF STOCKPILE.
3. COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR APPROVED EQUAL ON ROPES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS.
4. PLASTIC TO EXTEND MINIMUM 1' BEYOND TOE OF SLOPE.
5. AS APPROPRIATE, BMP'S SHALL BE INSTALLED TO CONVEY WATER DISCHARGE FROM STOCKPILE AREAS.

PLASTIC SHEETING

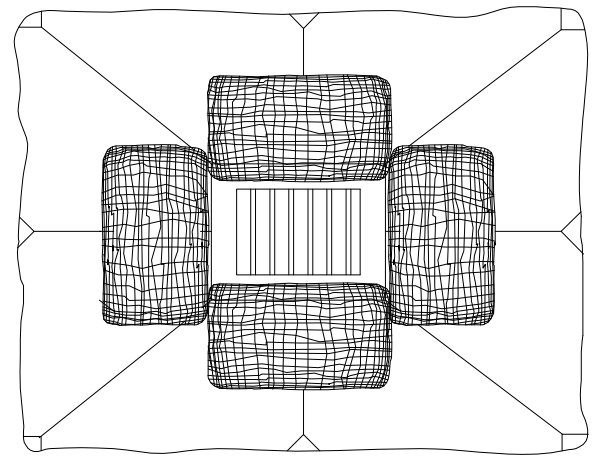
DRAWING NO. 810

REVISED 10-31-19

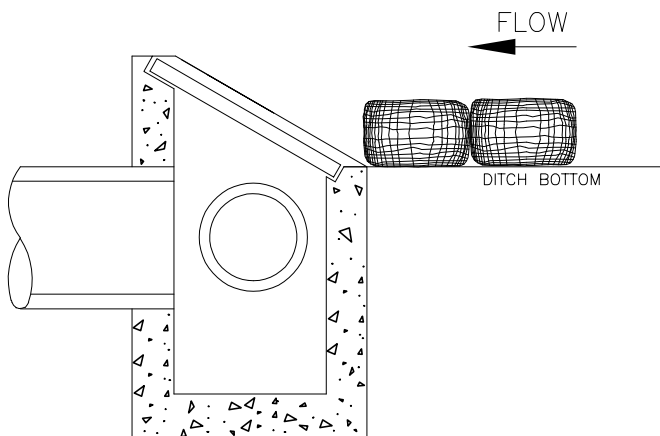
CleanWater  Services



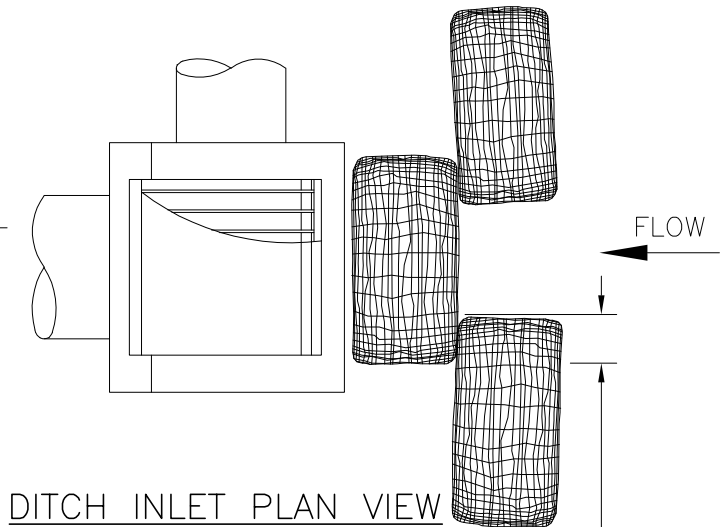
CATCH BASIN



AREA DRAIN



DITCH INLET



DITCH INLET PLAN VIEW

6" overlap of bags.

NOTES:

1. ADDITIONAL MEASURES MUST BE CONSIDERED DEPENDING ON SOIL TYPES.
2. BIO-FILTER BAGS SHOULD BE STAKED WHERE APPLICABLE USING (2) 1"x2" WOODEN STAKES OR APPROVED EQUAL PER BAG.
3. WHEN USING 30" BIO-BAGS TO PROTECT A CATCH BASIN YOU HAVE 4 BAGS AND THEY SHALL BE OVERLAPPED BY 6".

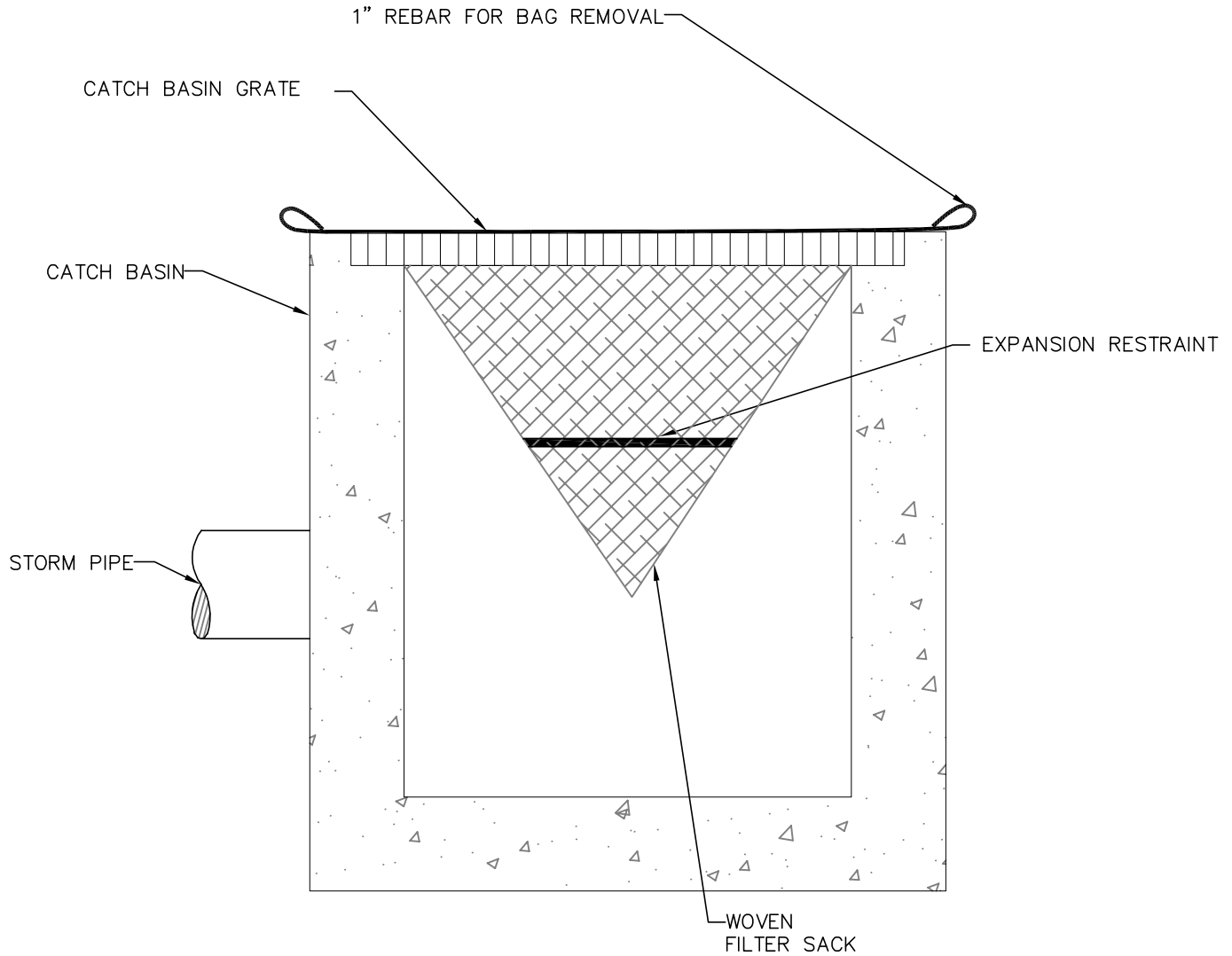
FOR FURTHER INFORMATION
ON DESIGN CRITERIA SEE
CHAPTER 4 OF CLEAN WATER
SERVICES EROSION PREVENTION
AND SEDIMENT CONTROL
PLANNING AND DESIGN MANUAL.

INLET PROTECTION TYPE 4

DRAWING NO. 915

REVISED 10-31-19

CleanWater  **Services**



CATCH BASIN INSERT

NOTE:

1. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS. SIZE OF FILTER FABRIC INLET SACKS TO BE DETERMINED BY MANUFACTURER.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

INLET PROTECTION TYPE 5

DRAWING NO. 920

REVISED 10-31-19

CleanWater  **Services**

NOTES:

1. WHEN RAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EXPERIENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DAILY INSPECTIONS OF THE EROSION AND SEDIMENT CONTROLS AND DISCHARGE OUTFALLS.
2. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 1 THROUGH MAY 31ST EACH YEAR.
3. DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.
4. SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. THEY MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED.
5. ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
6. SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIME FRAME.
7. SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.
8. SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 1/3-RD THE BARRIER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.
9. CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT.
10. ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.
11. THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION.
12. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE.
13. OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WATER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS.
14. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. UNLESS OTHERWISE APPROVED, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
15. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPS THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMPS MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
16. IF VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1ST; THE TYPE AND PERCENTAGES OF SEED IN THE MIX ARE AS IDENTIFIED ON THE PLANS OR AS SPECIFIED BY THE DESIGN ENGINEER.
17. WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMPS; SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE.
18. ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (I.E. FILTER BAG).
19. THE ESC PLAN MUST BE KEPT ONSITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
20. THE ESC MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.
21. WRITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST.
22. IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPS MUST BE USED, WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.
23. ALL EXPOSED SOILS MUST BE COVERED, AT END OF BUSINESS DAY, DURING WET WEATHER PERIOD, FROM OCTOBER 1 - MAY 31.

STANDARD EROSION CONTROL
NOTES FOR SITES LESS THAN 1
ACRE

DRAWING NO. 945

REVISED 10-31-19



Hillsboro 76 Fuel Tank Replacement
106 SW Oak Street, Hillsboro, OR 97123
Tax Lot: 1S206BB03900

SW Oak St

Inlet Protection

Inlet Protection

Catch Basins

Inlet Protection

Inlet Protection

Stock Piles and Disturbed Area
~3000SF

Inlet Protection

Straw Wattles

-Site less 1 acre
-Inlet Protection at all catch basins
-Straw wattle at entrances and non-curbed areas
-stockpiles covered
-see attached CWS details

Drainage

Inlet Protection

S. 1st Ave

EROSION CONTROL PLAN

Attachment B

ORRCO Waste Profile



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ate: 8-28-23

WASTE MATERIAL PROFILE SHEET



Profile Number: 01-23-0828-002

STEP 1: GENERATOR AND SITE INFORMATION

Generator Name: JCS Gas & Grub Inc.

Job #: 8923146

Location Generated: 106 SW Oak St.

City: Hillsboro

Date: 01

Zip Code: 97123

Telephone #: 503-640-8933

PAID #:

Generator Status: ☐ LQG ☐ SQG ☒ CEG ☐ N/A

STEP 2: WHAT IS THE MATERIAL?

Used Oil

- ☐ Used Oil
 - ☐ DIY Used Oil
 - ☐ Scrapyard Used Oil
 - ☐ Hydraulic Oil
 - ☐ Machine Lubricating Oil
 - ☐ Machine Tool Cutting Oils/
 - ☐ Machine Coolant
 - ☒ Brake Fluid
 - ☐ Grease
 - ☐ Used oil from other states
- meeting definition in OAR 340-111

Used Oil Filters

- ☒ Metal Used Oil, Non-Terminated Filters
- ☐ Used Paper Oil Filters

Chemical Commercial Products

- ☐ Fuel or fuel components such as: trans-mix, gas, diesel, kerosene jet fuel, etc.

Spent Solvents

- ☐ Non-Ignitable Solvents (more than 140° F flash point)

Spent Antifreeze

- ☐ Ethylene Glycol
- ☐ Propylene Glycol

Fats, Oils & Grease

- ☐ Non-hazardous plant and animal oils

Oily Solids

- ☐ Tank Bottoms from Used Oil Tanks
- ☐ Oily Sludges from UST clean-up:
 - ☐ Gasoline UST
 - ☐ Diesel UST
 - ☐ Used Oil UST
 - ☐ Unknown UST
- DEQ LUST No. _____
- Ecology LUST No. _____
- ☐ Other Oily Sludges (described below): _____

Petroleum Cleanup Media from Non-UST Sources

- ☒ Non-hazardous, non-solvent contaminated oily rags and pads, following DEQ approval of screening methodology
- ☐ Spill Cleanup Material (filter, absorbent booms and pads)
- ☐ Investigative-Derived Waste (IDW)
- ☒ Non-hazardous asphalt, asphalt emulsion, petroleum tank bottoms, bunker fuel oil, #4, #5, #6, and other heavy petroleum fuel oils

Non-Oily Filters and Filter Solids from Filtering the Following Materials

- ☐ Spent Glycols
- ☐ Transformer Oils with less than 2 ppm PCBs
- ☐ High Flash (more than 140° F) Petroleum Solvents
- ☐ Fuel
- ☐ Asphalt Emulsions
- ☐ Solid or Hardened Asphalt

Wastewater

- ☐ Oil & Water
- ☐ Emulsified Oil & Water
- ☒ Fuel & Water
- ☐ Water (unregulated)

STEP 3: HOW WAS THE MATERIAL GENERATED?

The Generator is required by law to accurately characterize its waste materials under 40 CFR Part 262.11 Please describe how the material was generated. The Generator MUST explain ALL pertinent information in detail. Attach all relevant documents, such as Analytical Test results and Safety Data Sheets (SDSs).

Vac out monitoring wells

☐ Analytical Test Results Attached &/or ☐ SDS Attached

STEP 4: DOES THE MATERIAL CONTAIN PCBs?

MATERIALS KNOWN OR SUSPECTED OF CONTAINING PCBs MUST HAVE AN ANALYTICAL LABORATORY REPORT ATTACHED.

MATERIALS WITH 2 PPM OR MORE PCBs ARE NOT ACCEPTABLE.

☐ Approved for Acceptance: PCBs are less than 2 ppm, and analytical is attached.

☐ Not Approved for Acceptance: PCBs are 2 ppm or greater, and analytical is attached.

STEP 5: CATEGORIZE THE MATERIAL

IS THE MATERIAL REACTIVE? ☐ Yes ☒ No MIXED WITH HAZARDOUS WASTE? ☐ Yes ☒ No
TOXIC? ☐ Yes ☒ No CORROSIVE? ☐ Yes ☒ No IGNITABLE? (Flash Below 140°F) ☒ Yes ☐ No

If any of these are checked yes, additional testing is required, or the material is determined to be hazardous waste and will not be accepted by ORRCO.

STEP 6: GENERATOR CERTIFICATION AND GUARANTEE: Please Read and Sign Below:

As an authorized representative of the generator of the material described above, I certify that the information contained in this document is 100% accurate and complete. I further certify that this material does NOT constitute a hazardous waste and has NOT been mixed with any hazardous waste such as spent chlorinated solvents or any other contaminants including, without limitation, PCBs, pesticides, or any other hazardous wastes or substances. In the event that the material described in this document is in fact a hazardous waste, or contains 2 ppm or more of PCBs, I guarantee to pay all costs necessary for proper analysis, transportation, storage, and disposal as well as any fines, penalties, attorneys fees, expert witness fees and the loss of the petroleum product resulting from contamination and/or inaccurate and/or incomplete information concerning the material described above.

Print Full Name: Lar. OGRYL

Title: PM

Signature: [Signature]

Date: 8/28/2023

FOR INTERNAL USE BY ORRCO:

STEP 7: CONFIRMATION ORRCO CAN EFFECTIVELY TREAT ACCEPTED MATERIAL

Based on the profile information, ORRCO determines whether their treatment processes can effectively process the accepted materials. If there are any questions raised during ORRCO's profile review, then additional tests will be completed to properly characterize the material, and/or ORRCO will decide to not accept the material.

☐ No Free Liquid Available to Test ☒ Retained Sample

Water Test: 95 % Obtained By: ☒ Process Knowledge ☐ Kolor Kut ☐ Distillation ☐ Clear Tube ☐ Hydro-Scout

☒ Hydro CLOR-D-TECT (PPM) ☒ CLOR-D-TECT (PPM): ND pH: 7

☒ Accepted ☐ Rejected

Print Full Name: A. SALOMON Title: PM

Signature: [Signature]

Date: 8-28-27

Tests / Explanation: AND PH 7