STORMWATER POLLUTION PREVENTION PLAN

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- **Temporary Seeding:**
  - Permanent sodding, spraying or seeding
  - Vegetative mulching
  - Soil retention blanket

PRESERVATION OF EXISTING VEGETATION

Note: Temporary erosion control methods must be used on all disturbed areas where cover has been disturbed over 21 days. Methods used will be as shown on plans or as directed by the engineer.

STRUCTURAL PRACTICES:

- **Temporary Brush/Silt Sectors**
- **Temporary Silt Fences**
- **Temporary Slope Blanket**
- **Temporary Sediment Basins**
- **Temporary Sediment Traps**
- **Temporary Sediment Filters**
- **Temporary Sediment Removal**
- **Inlet/Outlet Filter**
  - Stabilized constructionduit

OFFSITE VEHICLE TRACKING

- Mail roads dammed for offsite control
- Loaders and haul trucks to be covered with tarpaulin
- Excess dirt on road removed daily

NOTES:

- A STORMWATER POLLUTION PREVENTION PLAN (SWPPS) IS REQUIRED TO COMPLY WITH THE OCSO/SAW STORMWATER DISCHARGE STANDBY PERMIT. THE CONTRACTOR RESPONSIBLE FOR OBTAINING STORMWATER POLLUTION PREVENTION PLAN PERMIT.

THE BASIC GOAL OF STORMWATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORMWATER DISCHARGES. RUSJH FROM CONSTRUCTION SITES, THE PRESENCE OF SOILS CONTAINING HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF POLLUTION FROM PROPER HANDLING AND STORAGE OF MATERIALS AND THE PREVENTION OF INCOMPATIBLE MATERIALS.

THE FOLLOWING SUBSECTIONS OF ODOT's STANDARD SPECIFICATIONS BOOK SHOULD BE NOTED:

- 16:12.18 Binding Requirements
- 16:14 Contractor's Responsibility for Work
- 10:00 Storage of Materials
- 10:01 Lakes To Be Cleared
- 22:01.01 Stormwater Management
- 22:01.15 Temporary Denise, Sedimentation and Stormwater Pollution Prevention and Control

In addition:

- "NPS" in the NGIS Manual for Stormwater Discharges From Construction Sites; Notice to Federal Register, Monday, July 6, 1998 - Volume 63, Number 128
- ODOT General Permit (GP20) for Storm-Water Discharges From Construction Activities within the State of Oregon ODOT, Water Quality Division, September 13, 2017.

WASTE MATERIALS:

- PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS MATERIALS IS REQUIRED BY THE CONTRACTOR. HAZARDOUS MATERIALS STORAGE AND HANDLING REQUIREMENTS AND THE DESIGNATED PROCESS PRACTICES MEETS THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

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GENERAL NOTES:

1. An erosion control plan shall be developed by the contractor in accordance with this stormwater pollution prevention plan (SWPPS) in consultation with the project engineer. A meeting should be held between the contractor and all affected parties involved in the project.

2. Prior to initiating construction activities, the contractor must provide a written notice to all affected parties involved in the project.

3. If the contractor is responsible for delivering all necessary construction materials, a written notice must be provided to all affected parties involved in the project.

4. Contractor shall comply with all applicable federal, state and local laws, regulations, and guidelines regarding stormwater management.

5. All general notices shall be posted on all construction sites and distributed to all affected parties involved in the project.

6. All stormwater pollution prevention work and materials shall be included in the bid item for bid improvements.

PROJECT LIMITS:

- The project site is entirely within the Haney Creek Watershed. The treatment plant located near Broken Arrow, OK. Ground disturbance will be limited to 15 feet from the edge of the completed structure. In some cases, the size of the completed structure may exceed 15 feet.

PROJECT DESCRIPTION:

- The project consists of the rehabilitation of the flow equalization basin. Construction activities include, but are not limited to:
  - Site clearing
  - Excavation
  - Placement of gravel and concrete
  - Installation of a new liner system
  - Installation of a new water service line

TOTAL AREA TO BE DISTURBED: 7.5 ac
WEIGHTED RUNOFF COEFFICIENT: 0.75
NAME OF RECEIVING WATERS: Arkansas River

RECOMMENDED CONSTRUCTION SEQUENCE:

1. Contractor to wash down basin and tab return line to kettle
2. Contractor to clean kettle and return line of all sand and sediments
3. Temporarily remove liner and inspect damage beneath liner and confirm limits of repair and repair quantities with owner
4. Restore grates and grating beneath basin liner
5. Repair stairs and washdown piping
6. Restore gravel drive, parking area, and resod.
NEW INSTALLATION - ELECTRICAL

1. CONTRACTOR SHALL BE RESPONSIBLE TO ARRANGE VISIT TO THE SITE OF CONSTRUCTION PRIOR TO BEGIN TO VERIFY ALL EXISTING CONDITIONS.
2. PRIOR TO ANY WORK, COORDINATE WITH OWNER FOR ANY POWER SHUT DOWN TO THE CONSTRUCTION AREA.
3. ALL ELECTRICAL INSTALLATIONS SHALL MEET CURRENT CODE REQUIREMENTS PER NFPA 70 AND NFPA 101.
4. ALL CONDUITS SHALL BE RIGID GALVANIZED STEEL.

KEYED NOTES:
1. DISCONNECT POWER TO THE EXISTING MOTOR CONTROL CENTER INDICATED, REMOVE ALL CABLE AND WIRE IN THE CONDUIT, SWEEP AND CLEAN THE ENTIRE LENGTH OF CONDUIT, AND REUSE CONDUIT FOR THE NEW INSTALLATION AS SHOWN.
2. EXISTING 3 POLE 30A CIRCUIT BREAKER.
3. REMOVE THE DAMAGED POWER CENTER AND REPLACE WITH A NEW 15 KVA, 480V, 3-PHASE TO 208Y/120V, 3-PHASE METER."5" PRIMARY AND SECONDARY CIRCUIT BREAKERS. POWER CENTER SHALL BE IN A NEMA 3R ENCLOSURE AND RATED FOR 25 KAIC. PROVIDE 12 POLE BRANCH BREAKER SPACES WITH SIX 20A 1 POLE 25A BREAKERS INSTALLED. POWER CENTER SHALL BE SQUARE 8" MIN POWER ZONE OR EQUAL.
4. 3HP 1HP IN THE EXISTING CONDUIT AS INDICATED.
5. 120 VAC CIRCUIT FOR BOTH HOT BOX AND ALARM STROBE.

ELECTRICAL PLAN 1/30